

GOVERNMENT OF KARNATAKA



DEPARTMENT OF HEALTH AND FAMILY WELFARE

STATUS REPORT

1989-1990

BUREAU OF HEALTH INTELLIGENCE
MANAGEMENT INFORMATION & EVALUATION DIVISION
DIRECTORATE OF HEALTH AND FAMILY WELFARE
SERVICES, BANGALORE-560009.

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Community Health Cell
Library and Documentation Unit
BANGALORE

STATUS REPORT

1989-1990

**VOLUNTARY HEALTH ASSOCIATION
OF KARNATAKA.**

No. 60, Rajini Nilaya, Ramakrishna,
Mutt Road Cross, Ulsoor, Bangalore-560008

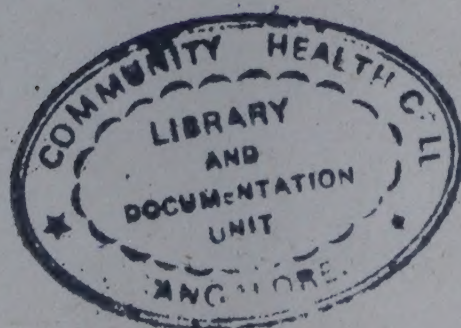
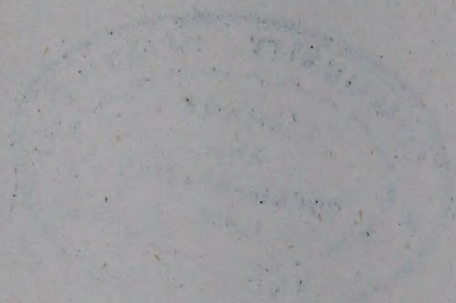


PLATE 100

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ERRATA

Page No. 30—Classification of Towns and Cities (1981 Census) Under the Heading—India, it may be read as follows :—

FOR	READ
218	226
270	325
744	883
1053	1247
761	920
255	348

DEPARTMENT OF HEALTH AND FAMILY WELFARE SERVICES

Karnataka State is providing comprehensive Health Care Services to its people by way of implementing various National and State Health Programmes of Public Health importance through its net work of various types of Health and Medical Institutions.

The Department of Health and Family Welfare Services provide the following Health Care Services through -

1. Rural Health Component of Minimum Needs Programme;
2. Medical Development Programme;
3. MCH, Family Welfare Programme and Immunisation Programme;
4. National Malaria Eradication Programme and National Filariasis Control Programme;
5. National Leprosy Eradication Programme;
6. National Tuberculosis Control Programme;
7. National Programme for control of Blindness;
8. Prevention and control of other Communicable Diseases like Diarrhoeal Diseases, Kyasanur Forest Diseases, Japanese Encephalitis etc.;
9. School Health Programme;
10. Nutrition Programme - Nutrition Education and Demonstration;
11. Laboratory Services and Vaccine Production Units;
12. Education and Environmental Sanitation;

13. Health Education and Training Programme;
14. Curative Services.

ADMINISTRATION AND DIRECTION:

The Director of Health and Family Welfare Services is the Head of the Department and is responsible to provide the Health Care Services to the Community by way of implementing various National and State Health Programmes in the State. The Director of Health and Family Welfare Services is assisted by one Additional Director (FW & MCH), Eleven Joint Directors, One Demographer and fourteen Deputy Directors. These Officers act as Technical Advisers to the Director of Health and Family Welfare Services. Similarly, the Director of Health and Family Welfare Services is also assisted by a Chief Accounts Officer-cum-Financial Adviser and Chief Administrative Officer in all matters pertaining to Finance and Accounts and Administration of the Department respectively.

At the Divisional Level, there are four Divisional Joint Directors of Health and Family Welfare Services stationed at Bangalore, Belgaum, Gulbarga and Mysore. These Divisional Joint Directors of Health and Family Welfare Services are assisted by two Deputy Directors.

The Divisional Joint Directors of Health and Family Welfare Services are responsible for supervision and effective implementation of various National and State Health Programmes including Family Welfare Programme and MCH Services in the Districts coming under their jurisdiction.

At the District Level, the District Health and Family Welfare Officers are responsible for supervision, providing guidance, prompt and effective implementation of various National and State Health Programmes including Family Welfare Programme and MCH Services through the network of various types of Health and Medical Institutions in their respective Districts. The District Health and Family Welfare Officers are assisted by District Leprosy Officers, District Malaria Officers, District T.B. Officers, Medical Officers of District Laboratories, Medical Officers (FW & MCH) and regional Assistant Chemical Examiners in the implementation of various National and State Health Programmes including Family Welfare Programme and MCH Services.

The District Surgeons of the District Hospitals located at District Head Quarters are responsible for providing curative and promotive services including referral services.

At the Sub-Divisional level, the Assistant District Health & Family Welfare Officers are responsible for supervision, providing guidance to the Medical Officers of Primary Health Centres, Medical Officers of Primary Health Units and to the field staff for prompt and effective implementation of various National and State Health Programmes through the net work of various types of Health and Medical Institutions other than Major and Specialised Hospitals coming under their respective jurisdiction.

At the Primary Health Centre level, the Medical Officers of Health are responsible for supervision, providing guidance to the Medical Officers of Primary Health Units and to the Field staff coming under their Jurisdiction for prompt and effective implementation of various National and State Health Programmes including Family Welfare Programme and MCH Services.

As on 31/3/1990 the Health Care Services are being rendered through 176 Hospitals, 1142 Primary Health Centres and 625 Primary Health Units run by Government with a total bed strength of 29,728. The Institution Population ratio and the Bed Population ratio works out to 1:22895 and 1:1496 respectively.

PRIMARY HEALTH CARE :

Primary Health Care would be the key to the success of the Health for all by 2000 A.D. and it has to be an integral part of the Country's Health system, of which it should be Central function and the main agent for delivering health care. For attaining the desired level of health, every individual must have access to Primary Health Care and through it to all levels of comprehensive health system. The concept of Primary Health Care should be the driving force behind determining policies and the basis for formulating strategies and plans of action.

The services under Primary Health Care includes the following :-

1. Education concerning Health problems and methods to prevent and control them.
2. Promotion of adequate supplies of Food and of proper Nutrition.
3. An adequate supply of safe drinking water and basic sanitation.
4. Maternal and Child Health Care including Family Planning.
5. Immunisation against infectious diseases.
6. Prevention and control of local endemic diseases.

7. Appropriate Treatment of common diseases and injuries
8. Provision of essential drugs.

Supportive Activities required for the success of Primary Health Care.

The WHO have indentified a number of supportive activities essential for successful implementation of Primary Health Care which are enumerated below :-

1. Community Involvement and participation.
2. Intra-and Inter-sectoral co-ordination.
3. Development of effective referral support.
4. Development and mobilisation of resources.
5. Involvement of managerial process.
6. Health Man Power development.
7. Medical and Health Services Research including innovative approaches.
8. Development and application of appropriate technology.

During the V Five Year Plan Minimum Needs Programme was introduced. It is the commitment of the Government for the social and Economic Development of the community particularly the under served and under-privileged segment of the population. It is a broad intersectoral Master Plan providing minimum basic needs of the people. Rural Health is one of the components under the Minimum Needs Programme concerned to the Health Sector.

The various Programmes/Schemes covered under the Health Sector in the State are as follows :-

1. Health Guides Scheme.
2. Multipurpose Workers Scheme.
3. Training and Employment of Multipurpose Workers(Male).
4. Community Health Centres/Upgraded Primary Health Centres/Taluk Hospitals.
5. Primary Health Centres.
6. Primary Health Units.
7. Primary Health Unite with Maternity Beds.
8. Establishment of Sub-Centres
9. Tribal Sub-Plan and Special Component Plan.

PROVIDING PUBLIC HEALTH FACILITIES FOR THE UPLIFTMENT OF THE RURAL POPULATION

I. Community Health Centre :

It is the intention of the Government of India and State Government to establish a Community Health Centre for one lakh population/one Community Health Centre out of every 4 Primary Health Centres. It is the policy of the Government to upgrade all the taluk level institutions to 30 bedded Hospitals and taluks located at Sub-divisional Headquarters, into 50 beded Hospitals. These Institutions will serve as Rural Referral Hospitals for the population living in rural areas.

In the 30 bedded Hospitals there will be a minimum of 4 specialities viz.,

1. General Medicine
2. General Surgery
3. Obstetric and Gynaecology
4. Dental Surgeon.

In the 50 bedded Hospitals in addition to these specialities there is an ENT Specialist and a Paediatrician.

II. Primary Health Centre :

The Primary Health Centres provide all the basic Health Services which include Curative, Preventive and Promotive Health Services. All the National and State Health Programmes are also being provided through the Primary Health Centres.

As per the Guidelines given by the Government of India, ultimately there will be a Primary Health Centre for every 30,000 population by the year 2000 A.D. However by the year 1991, there will be one Primary Health Centre for every 30,000 population in plain areas and one Primary Health Centre for every 20,000 population in Hilly and Tribal areas, so that services can be provided to the rural people as nearer to their villages as possible. Every Primary Health Centre is supplied with drugs worth Rs. 30,000 annually.

III. Primary Health Unit :

In Karnataka, there is a chain of Institutions known as Primary Health Units which also provide curative, preventive and promotive Health Services. It is proposed to upgrade these institutions to Primary Health Centres in a phased manner by providing minimum additional inputs.

Each Primary Health Unit covers approximately a population of 15 to 20 thousand. Drugs worth Rs.20,000/- is supplied to every Primary Health Unit annually.

IV. HEALTH SUB-CENTRES

It is the intention of the Government of India and the State Government to have one Health Sub-Centre for every 5,000 population in Plain areas and one Sub-Centre for every 3,000 population in the Hilly and Tribal areas. Each Sub-Centre is managed by one Junior Health Assistant (Female) and one Junior Health Assistant (Male) and drugs worth Rs. 2,000/- per annum are supplied for treatment of minor ailments.

The Minimum Needs Programme under the Health Sector lays down greater emphasis on promotive and preventive aspects of Health Care. The integrated approach is being followed at present to provide preventive, promotive and curative services in rural areas.

TRIBAL SUB-PLAN AND SPECIAL COMPONENT PLAN :

As per 1981 Census, Karnataka State has a Scheduled Caste population of 55,95,353 and Scheduled Tribe population of 18,25,203. The Scheduled Tribe population is concentrated in the four Districts namely Mysore, Dakshina Kannada, Kodagu and Chikmagalur and the Scheduled Caste Population is scattered all over the 20 Districts.

Health Care and Medical facilities are extended to the Forest and remote Tribal habitants and predominantly Scheduled Caste areas through Primary Health Centres, Primary Health Units, Mobile Units and ANM Centres.

To avail the Medical Services regularly, ANM Staff quarters are constructed in the Tribal areas and the staff working in the Tribal areas are paid 10% of the basic pay as an additional incentive.

INTEGRATED CHILD DEVELOPMENT SERVICES (ICDS) SCHEME:

This Programme is implemented in the State since 1975-76 with the co-ordination of the Department of Health and Family Welfare and the Department of Social Welfare. The beneficiaries of the Programme are children upto 6 years of age, pregnant women and nursing mothers.

The services are extended through the peripheral Health Institutions and Anganawadi Centres of the Social Welfare Department. The package of Services envisaged comprises:

1. Supplementary Nutrition
2. Immunisation
3. Health checkup
4. Referral Services
5. Health and Nutrition Education and
6. Non formal Education of children through Anganawadis.

108 ICDS Projects have so far been sanctioned. 94 are in functional status and 14 Projects are in preparatory phase. Out of these 108 Projects 4 are Tribal, 6 are Urban and 98 are Rural Projects.

MENTAL HEALTH PROGRAMME:

Mental Health Programme is being implemented in Bellary District since 1985. The implementation of this Programme is likely to be extended to all the Districts in a phased manner.

The activities of the Mental Health Programme are:

1. Training the Medical Officers and Para Medical Staff in Mental Health Programme.
2. Identifying the mentally ill persons and assessment of Nature of illness.

3. Treating the patients with advice and with required drugs and also.
4. Follow-up action.

For effective implementation of the Programme, the Doctors as well as Para Medical Staff at the grass-root level i.e., at PHC and PHU's level have been given training in Mental Health Programme. The training is being given at NIMHANS, Bangalore and Mental Hospital, Dharwad. As on to-day about 308 Doctors have been trained in this Programme besides giving training to the Para Medical Staff of the PHCs and PHUs.

Further, the drugs which are required for treating the mentally ill patients is being supplied adequately and in case of some districts additional budget for drugs has also been provided.

MEDICAL DEVELOPMENT PROGRAMME :

The District Hospitals are taking part not only in the curative aspect of diseases but also in the preventive and promotive aspects. Medical relief is rendered through various types of Institutions viz., District Hospitals, Major Hospitals and Epidemic Disease Hospitals.

Thirteen District Hospitals located at District Head quarters come under non-teaching cadre. There are seven

Major Hospitals, Seven specialised Hospitals and three Epidemic Diseases Hospitals which also come under non-teaching cadre. Of the thirteen District Hospitals except those Hospitals in Dharwad, Karwar and Raichur all the other District Hospitals have got a minimum of 250 beds.

Each District Hospital has got the following specialities:

1. Medicine
2. Surgery
3. Obstetric and Gynaecology
4. Paediatric
5. Orthopaedic
6. Ophthalmology
7. Ear, Nose and Throat
8. Skin and STD
9. Pathology and Bacteriology
10. Radiology
11. Anaesthesia
12. Dental

The Specialist Departments in the District Hospitals are catering the needs of the patients coming directly as well as those referred from smaller peripheral rural centres and mofussil Hospitals. The District Hospitals serve as referral Hospitals to the peripheral institutions.

Burns and Casualty Wards have been established in the S.C. Hospital, Hassan, Mc.Gann Hospital, Shimoga, S.N.R. Hospital, Kolar and District Hospital, Bijapur.

Sexually Transmitted Disease Clinics are functioning in all the District Hospitals and also in the General Hospitals of Udipi, K.G.F. and Kollegal.

Psychiatric Clinics are functioning in the District Hospitals at Shimoga, Hassan and Bidar and also in K.C. General Hospital, Bangalore.

Physiotherapy Units are functioning in the District Hospitals at Shimoga, Hassan, Tumkur, Chitradurga, Kolar, Mandya and Bijapur. Physiotherapy Unit is also functioning in K.C. General Hospital, Bangalore. All the Teaching Hospitals have got Physiotherapy Units.

The Emergency and Casualty Departments work round the clock.

Blood Bank services are being provided in all the District Hospitals and all Major Hospitals of the State subject to the availability of funds.

Radiology Services are existing in all the District Hospitals and Major Hospitals.

Dental Clinics are established in all the District Hospitals and Major Hospitals.

Epidemic Diseases Hospitals which are functioning at Bangalore, Mysore, and K.G.F are special type of Institutions. These Hospitals are meant for epidemic diseases like Cholera, Gastroenteritis, Diptheria, Tetanus, Whooping Cough, Rabies, Measles, Chickenpox and other infectious diseases.

HEALTH EQUIPMENT REPAIR AND MAINTENANCE UNIT :

This Unit maintains X-ray Machines and other equipments that have been supplied to various Government Health and Medical Institutions.

During the year 1989-90 this Unit has purchased-

1. Seven duplicating machines.
2. Ten Air Conditioner, 1.5 tons window type for endoscopy and ultrasound equipment room.
3. Ten 2 KVA Servo Voltage stabilisers for Endoscopy and Ultrasound equipment.
4. Ten isolation transformer for endoscopy and ultrasound equipment.

The Unit has repaired 95 X-Ray Machines and five

X-Ray machines have been referred to the original suppliers of the Company for repairs during the year 1989-90.

The Unit has also repaired seven Refrigerators and two Auto Claves in the year 1989-90.

HOSPITAL PHARMACY :

Hospital Pharmacies are functioning in many of the Major Hospitals.

Objectives :

1. To manufacture life saving I.V. Fluids such as Dextrose Saline and normal Saline required for use in Hospitals.
2. To organise a technically sound dispensing section, quality control system, Central Sterile supply Division and Store practice in the Hospital.
3. To develop a Drug Information Service for the benefit of the Hospital Staff and the patients/patients attendant

There are 17 Hospital Pharmacy Units in the State. Out of which 7 are under Plan and 10 under Non-Plan. Out of these 10 Units under Non-Plan, 9 Units are under the control of the Director, Medical Education and One Unit under the control of the Director of Health and Family Welfare Services, Bangalore.

Sl.No.	Name of the Institution	Plan/Non-Plan
1.	Victoria Hospital, Bangalore	Non-Plan
2.	Bowring and Lady Curzon Hospital, Bangalore	-do-
3.	K.R. Hospital, Mysore	-do-
4.	District Hospital, Gulbarga	-do-
5.	Wenlock District Hospital, Mangalore	-do-
6.	Chigateri General Hospital, Davangere	-do-
7.	K.M.C. Hospital, Hubli	-do-
8.	Medical College Hospital, Bellary	-do-
9.	District Hospital, Belgaum	-do-
10.	Mc.Gann Hospital, Shimoga	-do-
11.	District Hospital, Bidar	Plan
12.	District Hospital, Chitradurga	-do-
13.	District Hospital, Mandya	-do-
14.	District Hospital, Bijapur	-do-
15.	District Hospital, Raichur	-do- (No Bldg.)*
16.	District Hospital, Karwar	-do- -do-
17.	S.N.R. Hospital, Kolar	-do- -do-

* Hence not commissioned.

During 1989-90 Mandya and Chitradurga Units have been commissioned.

The production of I.V. Fluids during 1989-90 was 6,04,366 Bottles.

INDIA POPULATION PROJECT - III (KARNATAKA)

The India Population Project-III (Karnataka) is being implemented in six Districts viz., Belgaum, Bijapur, Dharwad, Gulbarga, Bidar and Raichur of Northern Karnataka from 1.4.1984. The tenure of the Project was for 5 years with a Budget outlay of Rs. 71.31 crores and this is to provide substantial additional resources in terms of building, trained staff, facilities and equipment.

The Project has been extended by Government of India upto 31.3.1990. The Programme has set specific goals for Family Welfare and MCH activities. The activities are :-

1. To increase couple protection rate from 29.5% to 45%.
2. To reduce infant Mortality Rate from 81 to 60 per thousand live births.
3. To reduce Maternal Mortality Rate from 6 to 2 per thousand.
4. To reduce the Crude Birth Rate from 33 to 21 per thousand population.

The expenditure of this Project will be shared by three agencies viz., World Bank, Government of India and State Government.

World Bank and Government of India provides 48% and 42% assistance respectively and the State has to meet the balance of 10%.

The Project work is carried out under four components viz., 1) Service Delivery, 2) Demand Generation (IEC, Population Education), 3) Research and Evaluation and 4) Project Management.

DEPARTMENT OF MEDICAL EDUCATION :

The Department of Medical Education is headed by the Director of Medical Education in the State. The Director of Medical Education is incharge of Medical Education and Nursing Education including Teaching Hospitals attached to the Medical Colleges in the State.

The Director of Medical Education is assisted by one Joint Director (Medical Education) and one Deputy Director (Medical Education), Senior Assistant Director (Nursing), and Health Equipment Officer in all Technical matters pertaining to Medical Education. Similarly, the Planning Officer, Administrative Officer (Medical Education) and Chief Accounts-Officer-cum-Financial Advisor (Medical Education) in all matters pertaining to Planning, Administration and Financial matters respectively at the State Head Quarters.

There are 19 Medical Colleges in the State of which four are Government Medical Colleges and the remaining fifteen are Private Medical Colleges.

Government Medical Colleges and some of the Private Medical Colleges provide Post Graduate Courses.

There are 13 (1 Government, 12 Private) Dental Colleges and one College of Nursing in the State which provide both under Graduate and Post Graduate Courses.

Hospitals attached to these Medical Colleges provide Clinical facilities for both under Graduate and Post Graduate Students.

Apart from Medical Colleges, Dental Colleges and College of Nursing, there are Training Institutions to provide Training to Refractionist and Ophthalmic Assistant, Dental Mechanic and Dental Hygienist, Laboratory Technician X-Ray Technicians and Medical Record Technicians.

NATIONAL INSTITUTE OF MENTAL HEALTH AND NEURO SCIENCES, BANGALORE.

This is a premier Institute of Mental Health and Neuro Sciences not only in Karnataka but also in the

Country. The Institute receives grant-in-Aid from both Central and State Government.

The main object of the Institute is to promote the growth and Development of Mental Health and Neuro Sciences.

This Institute is equipped with sophisticated Diagnostic and Treatment Equipments.

The institute offers Post Graduate Degree and Diploma Courses in various specialities.

This Institute has got a bed strength of 805.

KIDWAI MEMORIAL INSTITUTE OF ONCOLOGY, BANGALORE :

This is one of the premier Institute providing comprehensive and integrated patient care to the cancer patients in the State . This is an autonomous Institution.

The Indian Council of Medical Research has recognised this Institute as a Research Institute.

This Institute has got a bed strength of 252.

This Institute is well equipped with sophisticated Diagnostic and Treatment Equipments.

This Institute has established a regional centre for dispensing and distribution of Radio Pharmaceutical with the collaboration of Bhabha Atomic Research Centre, Bombay with a radiation plant to cater the needs of Four Southern States.

This Institute has been recognised as an Institute for Under Graduate and Post Graduate students of Bangalore Medical College, Bellary Medical College and Gulbarga Medical College.

This Institute has conducted several Research Projects

This Institute has got a separate Mobile Cancer Detection Team to go to Rural areas to educate the public on the need for early detection of Cancer.

JAYADEVA INSTITUTE OF CARDIOLOGY, BANGALORE :

This is an autonomous Institution receiving Grant-in-Aid from Government.

This is a well equipped Institution for Teaching Under Graduates and Post Graduates in Cardio Vascular Diseases and to undertake Medical and Surgical Treatment.

Echo Cardiography System and a computerised Treadmill system equipment are installed in this Institute.

The bed strength of this Institute is 134 (including Special Wards and Intensive Care Wards)

DEPARTMENT OF INDIAN SYSTEMS OF MEDICINE AND HOMOEOPATHY :

The Department of Indian Systems of Medicine and Homoeopathy is headed by the Director of Indian Systems of Medicine and Homoeopathy and is being assisted by a Deputy Director, an Administrative Officer and an Accounts Officer. There is one more post of Deputy Director, Unani System who will also assist the Director of Indian Systems of Medicine and Homoeopathy at the State Head Quarters. A Divisional Office is functioning at Gulbarga.

At the District level, the District Health and Family Welfare Officers of the Department of Health and Family Welfare Services continued to be the Administrative Controller for the Dispensaries of Indian Systems of Medicine and Homoeopathy in the respective Districts except Districts of Gulbarga Division.

There are 6 Colleges (Ayurveda - 3, Unani - 1, Homoeopathy - 1 and Nature Cure - 1), 23 Hospitals and 407 Dispensaries functioning in the State under Indian Systems of Medicine and Homoeopathy.

There are 12 Ayurvedic Hospitals in the State. Out of which 7 Ayurvedic Hospitals are at District level and (of which 3 Hospitals serve as Teaching Hospitals) the remaining 5 Hospitals render services in Rural areas. There are 360 Ayurvedic Dispensaries functioning in the State.

There are 4 Unani Hospitals and 32 Unani Dispensaries in the State. The Unani wing attached to Shri Jayachamarajendra Institute of Indian Medicine, Bangalore serve as a Teaching Hospital for Government Unani Medical College, Bangalore. The Government College of Indian Medicine, Mysore and other two Mini Hospitals at Ramanagaram, Bangalore District and Raichur are providing facilities to the inpatients. There are 32 Dispensaries in the State under Unani System of Medicine.

There are two Homoeopathic Hospitals one at Bangalore and the other at Somwarpet, Kodagu District and 10 Homoeopathic Dispensaries functioning in the State to provide treatment under Homoeopathic System of Medicine.

There is one Nature Cure Hospital and five Nature Cure Dispensaries functioning in the State.

Yoga Wings have been established to provide Treatment

in Yoga Therapy in the Hospitals at Bangalore, Mysore and Bellary.

A Siddha Wing has been provided in the Shri Jayachamarajendra Institute of Indian Systems of Medicine, Bangalore.

Nurses Training Course is being conducted at Shri Jayachamarajendra Institute of Indian Systems of Medicine, Bangalore. The duration of the course is $3\frac{1}{2}$ years.

DEPARTMENT OF DRUGS CONTROL

The main function of the Drugs Control Department is to protect and take care of the Health of the consumers by exercising strict control and Vigilance on the Drugs which are being manufactured and marketed for sale in the State so that Drugs of standard quality are made available at control prices. The Drugs Control Department of the State discharges the Statutory functions involved in the enforcement of the following Drugs and allied legislation.

1. The Drugs and Cosmetics Act, 1940 and Rules there under
2. The Drugs (price control) order, 1987
3. The Drugs and Magic Remedies (objectionable Advertisements) Act, 1954 and Rules there under.

4. The Pharmacy Act, 1948 and Educational Regulations there under.
5. The Import Trade Regulation for the grant of Essentiality Certificates to the Pharmaceutical Industries.
6. The Poisons Act, 1919 and Karnataka Poisons Rules, 1966.
7. The Narcotics and Psychotropic substances Act, 1985.

The Drugs Controller is the Head of the Department and he is assisted by one Additional Drugs Controller, Two Deputy Drugs Controllers and Two Assistant Drugs Controllers at the State Head Quarter who are incharge of Licensing, Manufacturing, Intelligence, Price Control, Hospital inspection and Advertisement Wing duly assisted by Drugs Inspector. A separate Assistant Drugs Controller is incharge of the Board of Examining Authority for the purpose of conducting Examination in Diploma in Pharmacy.

For proper and effective functioning of the Department the entire State has been divided into six Divisions. Each Division is incharge of an Assistant Drugs Controller and he is assisted by Drugs Inspectors of the Districts.

POPULATION CENTRE, BANGALORE :

The Population Centre, Bangalore was established in 1973 as part of the India Population Project-I (IPP-I),

Karnataka, a Family Planning Demonstration Project under the provision of financial assistance of the International Development Association, an affiliate of the World Bank, and the Swedish International Development Authority.

The Population Centre was set up mainly as a research and evaluation wing of the IPP-I. The Centre was entrusted with the responsibility of conducting relevant research, developing a Management Information and Evaluation System (MIES) for Health and Family Welfare Programme and undertaking innovative studies in Family Welfare.

After the completion of the IPP-I, the Centre continued to function and became a major Department under the Health and Family Welfare Department of the Government of Karnataka. Since then the scope of research activities has been widened to undertake research through the State. Over time, the Population Centre made valuable contribution to research and evaluation in the field of population, health, nutrition and family planning. The Centre is also known in the Country and abroad for its ability in the formulation and conducting various large-scale surveys in the field of population and family planning. Many outside agencies like the Australian National University, Canberra, Family Planning Foundation,

New Delhi. International Development Research Centre, Canada, Health and Family Welfare Department of Andhra Pradesh, Hyderabad, etc., have successfully collaborated different research projects with the population Centre.

Population Centre is headed by the Director and he is assisted by 4 Assistant Directors in Research and Technical matters. The Assistant Directors along with Research Officers are made responsible for carrying out Research Projects. The Technical personnel viz., Assistant Research Officers, Research Assistants, Statistical Assistants etc., are assigned the work of Field Investigation, Data Processing, Analysis etc.

The Director, Population Centre is also being assisted by the Administrative Officer, Accounts Superintendent and other staff in administrative and accounts matters.

Over a period of time the Population Centre has taken a number of studies in the field of Health and Family Welfare.

SANJAY GANDHI INSTITUTE OF ACCIDENT, REHABILITATION AND PHYSICAL MEDICINE.

This Institution is an autonomous body receives grants from Government. This has started working from

April, 1984. This Institution is headed by the Director. The Director is assisted by Medical and Para Medical personnel.

The objectives of this institution are to provide immediate medical aid at the accident spot, treatment and rehabilitation facilities to the accident victims and to prevent deaths by providing timely medical aid to the accident victims.

The strategy to fulfil the objectives is by providing ambulances fitted with wireless sets stationed at vantage points around Bangalore and to rush to the accident spot with Medical aid and Para Medical Staff. If necessary to shift the accident victims to the Centre for further treatment etc. The ambulances have been fully equipped.

The Victims brought for treatment have been extended with all medical assistance. Apart from regular staff services, the consultants who are experts in the field are also utilised.

This Organisation is equipped with modern operation theatre, X-Ray plant, laboratory for pathological analysis, Blood Bank etc. The X-Ray Unit and other Units will work round the clock to meet the emergent needs of the victims.

The construction of Artificial limb and Rehabilitation Centre is in final stage of construction.

KARNATAKA AND INDIA AT A GLANCE

I. GENERAL INFORMATION	<u>KARNATAKA</u>	<u>INDIA</u>
i. Area in Sq. Kms	1,91,791	32,87,263
ii. No. of Revenue Divisions	4	NA
iii. No. of Districts	20	412
iv. No. of Taluks	175	NA
v. No. of Towns and Cities (as per 1981 Census)	250	3,949

CLASSIFICATION OF TOWNS AND CITIES (1981 CENSUS)

	<u>KARNATAKA</u>	<u>INDIA</u>
a) Class I - Having more than 1 lakh Population	17	218
b) Class II - Having Population 50,000 to 99,999	11	270
c) Class III - Having Population 20,000 to 49,999	64	744
d) Class IV - Having Population 10,000 to 19,999	100	1,053
e) Class V - Having Population 5,000 to 9,999	42	761
f) Class VI - Having Population less than 5,000	16	255

DISTRIBUTION OF VILLAGES ACCORDING TO POPULATION

(1981 CENSUS)

	<u>KARNATAKA</u>	<u>INDIA</u>
II. No. of Inhabited Villages with Population of		
i. 10,000 and above	35	1,834
ii. 5,000 to 9,999	401	7,202
iii. 2,000 to 4,999	2,722	46,892
iv. 1,000 to 1,999	5,239	94,486
v. 500 to 999	7,342	1,35,928
vi. Less than 500	11,289	2,70,795
TOTAL	27,028	5,57,137

	<u>KARNATAKA</u>	<u>INDIA</u>
III. Demographic Features		
1. a) Population (1981 Census)		
(in 000s)	37,136	6,85,185
b) Male Population (in 000s)	18,923	3,54,398
c) Female Population (in 000s)	18,213	3,30,787
d) Rural Population (in 000s)	26,406	5,25,457
e) Urban Population (in 000s)	10,730	1,59,728
2. Percentage of Urban Population to Total Population (1981 Census)	28.89	23.31
3. Sex Ratio (No. of Females for 1000 males)	963	933
4. Decinnial Growth Rate (1971-81)	26.75	25.00
5. Percentage of literates to Total Population (including 0-4 Population 1981 Census)	38.46	36.23
Male	48.81	46.89
Female	27.71	24.82
Rural	31.05	29.65
Urban	56.71	57.40
6. Percentage of SC, ST Population to total population (1981 Census)		
Scheduled Caste	15.07	15.75
Scheduled Tribe	4.91	7.76

	<u>KARNATAKA</u>	<u>INDIA</u>
7. Population Broad age composition (percentage to total population as per 1981 Census)		
0 - 14 years	39.6	39.6
15 - 59 years	53.8	53.9
60 + years	6.6	6.5
8. Percentage of workers to total Population by sex (1981 Census)		
Males	53.90	51.23
Females	18.95	14.44
Total	36.76	33.44
9. Religion wise break up of population 1981 Census (percentage to total)		
Hindus	85.92	82.35
Muslims	11.05	11.73
Christians	2.06	2.44
Others	0.97	3.48
10. Density of Population (1981 Census)	194	216

	<u>KARNATAKA</u>	<u>INDIA</u>
IV. VITAL STATISTICS		
1. Birth Rate (1988)(Provisional)		
Rural	30.1	32.8
Urban	24.9	26.0
Combined	28.7	31.3
2. Death Rate (1988)(Provisional)		
Rural	9.5	11.8
Urban	6.9	7.5
Combined	8.8	10.9
3. Infant Mortality Rate (1988) (Provisional)		
Rural	83	102
Urban	46	61
Combined	74	94
4. Expectation of Life at Birth (1976-80)		
<u>RURAL</u>		
Male	54.0	51.0
Female	53.9	50.3
Persons	53.9	50.6
<u>URBAN</u>		
Male	62.9	59.6
Female	64.9	60.8
Persons	64.0	60.1
<u>COMBINED</u>		
Male	56.2	52.5
Female	56.6	52.1
Persons	56.3	52.3
5. Dependency Ratio (1981) (No. of persons in the age group of 0 - 14 and 60 and above per 1000 persons in age group 15 - 59)	858	854

**Sub-Divisions, Taluks, Towns, Cities and Agglomerations,
Municipalities and Corporations and Inhabited Villages in
Karnataka State (1981 Census)**

Sl. No.	Name of the District	No. of				
		Sub-Divisions	Taluks	Towns, Cities and Urban Agglomerations	Municipalities and Corporations	Inhabited Villages
1	2	3	4	5	6	7
1.	Bangalore	3	11	11	18	2,425
2.	Belgaum	3	10	19	17	1,142
3.	Bellary	2	8	12	13	590
4.	Bidar	2	5	6	6	598
5.	Bijapur	4	11	19	19	1,244
6.	Chikmagalur	2	7	10	10	1,013
7.	Chitradurga	2	9	10	10	1,266
8.	D. Kannada	3	8	17	15	635
9.	Dharwad	4	17	22	22	1,322
10.	Gulbarga	3	10	15	14	1,305
11.	Hassan	2	8	12	11	2,371
12.	Kodagu	1	3	10	9	288
13.	Kolar	2	11	13	14	2,848
14.	Mandya	2	7	11	10	1,354
15.	Mysore	3	11	13	13	1,641
16.	Raichur	3	9	12	12	1,401
17.	Shimoga	2	9	13	14	1,795
18.	Tumkur	3	10	12	12	2,507
19.	U. Kannada	3	11	13	13	1,283
STATE		49	175	250	252	27,028

POPULATION AND RELATED STATISTICS

AREA, POPULATION AND DENSITY OF POPULATION IN KARNATAKA STATE BY DISTRICT (1981 CENSUS)

35

Sl. No.	District	POPULATION IN LAKHS						Sex ratio (No. of Females per 1000 Males)	Density of Population (per Sq. Kms)
		Area (in Sq. Kms)	Persons	Male	Female				
1	2	3	4	5	6	7	8		
1.	Bangalore	8,005	49.48	25.83	23.65	916	618		
2.	Belgaum	3,415	29.80	15.23	14.57	957	222		
3.	Bellary	9,885	14.89	7.55	7.34	973	151		
4.	Bidar	5,448	9.96	5.06	4.90	968	183		
5.	Bijapur	17,069	24.02	12.12	11.90	982	141		
6.	Chikmagalur	7,201	9.12	4.67	4.45	953	127		
7.	Chitradurga	10,852	17.77	9.14	8.63	944	164		
8.	D. Kannada	8,441	23.77	11.54	12.23	1,059	282		
9.	Dharwad	13,738	29.45	15.12	14.34	948	214		
10.	Gulbarga	16,224	20.81	10.50	10.30	981	128		
11.	Hassan	6,814	13.57	6.83	6.74	987	199		
12.	Kodagu	4,102	4.62	2.39	2.23	933	113		
13.	Kolar	8,223	19.05	9.67	9.39	971	232		
14.	Mandya	4,961	4.18	7.24	6.94	960	286		
15.	Mysore	11,954	25.96	13.31	12.65	951	217		
16.	Raichur	14,017	17.84	8.97	8.87	988	127		
17.	Shimoga	10,553	16.57	8.51	8.06	947	157		
18.	Tumkur	10,598	19.78	10.09	9.69	961	187		
19.	U. Kannada	10,291	10.72	5.47	5.25	958	104		
KARNATAKA		1,91,791	371.36	189.23	182.13	963	194		

NOTE : Totals do not tally due to rounding off.

POPULATION ACCORDING TO RURAL, URBAN BREAK-UPS IN KARNATAKA STATE BY DISTRICT (1981 CENSUS)

Sl. No.	District	Population (in lakhs)			Percentage of	
		Total	Rural	Urban	Rural Population to Total Population	Urban Population to Total Population
1	2	3	4	5	6	7
1.	Bangalore	49.48	17.54	31.94	35.5	64.5
2.	Belgaum	29.80	23.09	6.71	77.5	22.5
3.	Bellary	14.89	9.97	4.92	67.0	33.0
4.	Bidar	9.96	8.18	1.78	82.2	17.8
5.	Bijapur	24.02	18.23	5.79	75.9	24.1
6.	Chikmagalur	9.12	7.52	1.60	82.5	17.5
7.	Chitradurga	17.77	13.60	4.17	76.5	23.6
8.	D. Kannada	23.77	17.95	5.82	75.5	24.5
9.	Dharwad	29.45	19.07	10.38	64.8	35.2
10.	Gulbarga	20.81	16.05	4.76	77.1	22.9
11.	Hassan	13.57	11.59	1.98	85.4	15.6
12.	Kodagu	4.62	3.90	0.72	84.4	22.4
13.	Kolar	19.05	14.78	4.27	77.6	15.5
14.	Mandya	14.18	11.98	2.20	84.5	27.4
15.	Mysore	25.96	18.84	7.12	72.6	19.3
16.	Raichur	17.84	14.40	3.44	80.7	25.7
17.	Shimoga	16.57	12.31	4.26	74.3	13.8
18.	Tumkur	19.78	17.06	2.72	86.2	25.4
19.	U. Kannada	10.72	8.00	2.72	74.6	
KARNATAKA		371.36	264.06	107.30	71.1	28.9

Totals do not tally due to rounding off.

**SCHEDULED CASTES AND SCHEDULED TRIBES POPULATION IN
KARNATAKA STATE BY DISTRICT (1981 CENSUS)**

Sl. No.	District	POPULATION (IN LAKHS)			Percentage of	
		Total Population	Sche- duled Caste	Sche- duled Tribe	SC Popu- lation to Total	ST Popu- lation to Total
1	2	3	4	5	6	7
1.	Bangalore	49.48	7.92	0.76	16.0	1.5
2.	Belgaum	29.80	3.13	1.16	10.5	3.9
3.	Bellary	4.89	2.44	1.65	16.4	11.1
4.	Bidar	9.96	1.60	0.43	16.1	4.3
5.	Bijapur	24.02	3.63	1.15	15.1	4.8
6.	Chikmagalur	9.12	1.64	0.15	18.0	1.6
7.	Chitradurga	17.77	3.22	2.52	18.1	14.2
8.	D. Kannada	23.77	1.44	0.88	6.1	3.7
9.	Dharwad	29.45	3.01	1.37	10.2	4.7
10.	Gulbarga	20.81	4.55	0.98	21.9	4.7
11.	Hassan	13.57	2.20	0.11	16.2	0.8
12.	Kodagu	4.62	0.49	0.37	10.6	8.0
13.	Kolar	19.05	4.71	1.14	24.7	6.0
14.	Mandya	14.18	1.83	0.12	12.9	0.8
15.	Mysore	20.96	4.60	1.67	17.7	6.4
16.	Raichur	17.84	2.70	1.77	15.1	9.9
17.	Shimoga	16.57	2.64	0.52	15.9	3.1
18.	Tumkur	19.78	3.34	1.40	16.9	7.1
19.	U. Kannada	10.72	0.86	0.10	8.0	0.9
KARNATAKA		371.36	55.95	18.25	15.0	4.9

POPULATION BY AGE GROUP IN KARNATAKA STATE (1981 CENSUS)

Sl. No.	Age Group	Population (in Lakhs)	Percentage to Total
1	2	3	4
1.	0-4	46.17	12.4
2.	5-9	51.90	14.0
3.	10-14	48.72	13.1
4.	15-19	36.92	9.9
5.	20-24	32.80	8.8
6.	25-29	29.08	7.8
7.	30-34	23.06	6.2
8.	35-39	21.27	5.7
9.	40-44	18.49	5.0
10.	45-49	15.64	4.2
11.	50-54	14.10	3.8
12.	55-59	8.25	2.2
13.	60+	24.59	6.6
14.	Age not stated	0.37	0.1
ALL AGES		371.36	100.0

**MEAN AGE AT MARRIAGES OF FEMALES IN KARNATAKA STATE BY
DISTRICT (1981 CENSUS)**

Sl.No.	District	Mean Age (Years)
1.	Bangalore	20.18
2.	Belgaum	18.35
3.	Bellary	18.11
4.	Bidar	17.65
5.	Bijapur	17.31
6.	Chikmagalur	20.82
7.	Chitradurga	19.18
8.	D. Kannada	22.43
9.	Dharwad	19.25
10.	Gulbarga	17.50
11.	Hassan	20.24
12.	Kodagu	21.75
13.	Kolar	19.08
14.	Mandya	18.47
15.	Mysore	19.27
16.	Raichur	17.48
17.	Shimoga	20.53
18.	Tumkur	19.22
19.	U. Kannada	21.23
KARNATAKA		19.41

GENERAL LITERACY RATES IN KARNATAKA STATE BY DISTRICT
(1961, 1971 and 1981 Census)

(In percentage)

Sl. No.	District	General Literacy Level		
		1961	1971	1981
1	2	3	4	5
1.	Bangalore	34.3	42.7	51.3
2.	Belgaum	26.0	30.7	36.6
3.	Bellary	20.9	25.1	30.6
4.	Bidar	14.5	20.0	26.4
5.	Bijapur	24.4	27.5	32.0
6.	Chikmagalur	27.5	34.9	43.5
7.	Chitradurga	25.1	31.5	38.3
8.	D. Kannada	32.4	43.5	53.5
9.	Dharwad	33.4	38.5	42.4
10.	Gulbarga	14.7	18.7	24.9
11.	Hassan	24.3	30.6	37.5
12.	Kodagu	36.3	44.3	50.1
13.	Kolar	21.3	27.1	33.6
14.	Mandya	17.3	22.5	30.4
15.	Mysore	21.3	25.6	31.3
16.	Raichur	15.7	20.2	24.7
17.	Shimoga	28.1	36.6	44.4
18.	Tumkur	22.6	29.4	36.9
19.	U. Kannada	33.4	40.7	48.3
KARNATAKA		25.4	31.5	38.5

**LITERACY RATES IN KARNATAKA BY DISTRICT AND SEX
(1981 CENSUS)**

Sl.No.	District	Combined	Males	Females
1.	Bangalore	51.3	59.6	42.2
2.	Belgaum	36.6	48.6	24.1
3.	Bellary	30.6	41.7	19.3
4.	Bidar	26.4	38.2	14.3
5.	Bijapur	32.0	45.2	18.5
6.	Chikmagalur	43.5	52.6	34.0
7.	Chitradurga	38.3	48.8	27.1
8.	D. Kannada	53.5	62.1	45.0
9.	Dharwad	42.4	54.2	29.8
10.	Gulbarga	24.9	36.4	13.3
11.	Hassan	37.5	48.5	26.4
12.	Kodagu	50.1	56.5	43.3
13.	Kolar	33.6	44.2	22.6
14.	Mandya	30.4	40.5	19.9
15.	Mysore	31.3	39.3	23.0
16.	Raichur	24.7	35.9	13.4
17.	Shimoga	44.4	53.7	34.6
18.	Tumkur	36.9	48.2	25.1
19.	U. Kannada	48.3	57.4	39.0
TOTAL		38.5	48.8	27.7

POPULATION AND RELATED STATISTICS

Projected Population of Karnataka (District-wise), as on 1st March, 1990 to 2001.

(in 00's)

Sl. No.	District	1981	1990	1991	1992	1993	1994	1995
1	2	3	4	5	6	7	8	9
1.	Bangalore	49,476	59,269	60,400	61,542	62,684	63,826	64,968
2.	Belgaum	29,804	35,702	36,383	37,071	37,759	38,447	39,135
3.	Bellary	14,892	17,837	18,177	18,521	18,865	19,208	19,551
4.	Bidar	9,957	11,929	12,157	12,387	12,617	12,847	13,077
5.	Bijapur	24,018	28,773	29,322	29,876	30,430	30,984	31,538
6.	Chikmagalur	9,118	10,920	11,128	11,338	11,548	11,758	11,968
7.	Chitradurga	17,775	21,293	21,699	22,109	22,519	22,929	23,339
8.	D. Kannada	23,767	28,472	29,015	29,563	30,111	30,659	31,207
9.	Dharwad	29,455	35,286	35,959	36,639	37,319	37,999	38,679
10.	Gulbarga	20,807	24,924	25,400	25,880	26,360	26,840	27,320
11.	Hassan	13,570	16,255	16,565	16,878	17,191	17,504	17,817
12.	Kodagu	4,619	5,536	5,642	5,749	5,856	5,963	6,070
13.	Kolar	19,055	22,824	23,259	23,698	24,138	24,578	25,018
14.	Mandya	14,181	16,987	17,311	17,638	17,965	18,292	18,619
15.	Mysore	25,959	31,096	31,689	32,288	32,887	33,486	34,085
16.	Raichur	17,838	21,369	21,777	22,189	22,600	23,012	23,424
17.	Shimoga	16,567	19,847	20,226	20,608	20,990	21,372	21,754
18.	Tumkur	19,779	23,692	24,144	24,600	25,056	25,512	25,968
19.	U. Kannada	10,720	12,842	13,087	13,334	13,581	13,828	14,075
KARNATAKA		3,71,357	4,44,853	4,53,340	4,61,908	4,70,476	4,79,044	4,87,612

NOTE : Population Projections issued by RG & Census Commissioner India.

Contd...

Projected Population of Karnataka (District-wise), as on 1st March, 1990 to 2001.

(in 00's)

Sl. No.	District	1996	1997	1998	1999	2000	2001
1	2	10	11	12	13	14	15
1.	Bangalore	66,110	67,207	68,304	69,401	70,498	71,595
2.	Belgaum	39,823	40,484	41,145	41,806	42,467	43,128
3.	Bellary	19,894	20,224	20,554	20,884	21,214	21,544
4.	Bidar	13,307	13,528	13,749	13,907	14,191	14,412
5.	Bijapur	32,092	22,625	33,158	33,691	34,224	34,757
6.	Chikmagalur	12,178	12,380	12,582	12,784	12,986	13,188
7.	Chitradurga	23,749	24,143	24,537	24,931	25,325	25,719
8.	D. Kannada	31,755	32,282	32,809	33,336	33,863	34,390
9.	Dharwad	39,359	40,012	40,665	41,381	41,971	42,624
10.	Gulbarga	27,800	28,261	28,722	29,183	29,644	30,105
11.	Hassan	18,130	18,431	18,732	19,033	19,334	19,635
12.	Kodagu	6,177	6,280	6,383	6,486	6,589	6,692
13.	Kolar	25,458	25,881	26,304	26,727	27,150	27,573
14.	Mandya	18,946	19,260	19,575	19,890	20,204	20,519
15.	Mysore	34,684	35,360	35,836	36,412	36,988	37,564
16.	Raichur	23,836	24,232	24,628	25,024	25,420	25,816
17.	Shimoga	22,136	22,503	22,870	23,237	23,604	23,971
18.	Tumkur	26,424	26,868	27,302	27,741	28,180	28,619
19.	U. Kannada	14,322	14,560	14,798	15,036	15,274	15,512
KARNATAKA		4,96,180	5,04,476	5,12,653	5,20,890	5,29,126	5,37,363

NOTE : Population Projections issued by RG & Census Commissioner India.

Concl'd.

**HEALTH AND MEDICAL INSTITUTIONS BY MANAGEMENT IN KARNATAKA
STATE AS ON 31.3.1990 (PROVISIONAL)**

Sl. No.	Institutions by Management	Rural		Urban		Total	
		Institutions	Beds	Institutions	Beds	Institutions	Beds
I. Hospitals							
1.	State Govt.	8	417	168	21,512	176	21,929
2.	Central Govt.	1	25	12	1,781	13	1,806
3.	E.S.I.	-	-	7	1,125	7	1,125
4.	Autonomous	-	-	4	1,228	4	1,228
5.	Other Depts.	2	26	7	310	9	336
6.	Local Body	-	-	28	714	28	714
7.	Private	14	2,058	37	5,281	51	7,339
	TOTAL	25	2,526	263	31,951	288	34,477
II. Dispensaries							
1.	Central Govt.	2	-	11	-	13	-
2.	E.S.I.	9	-	120	-	129	-
3.	Other Depts.	25	48	5	4	30	52
4.	Local Body	3	21	22	44	25	65
5.	Private	7	4	4	-	11	4
	TOTAL	46	73	162	48	208	121
III. Primary Health Units (PHUs)							
		547	508	78	222	625	730
IV. Primary Health Centres (PHCs)							
		1,065	5,468	77	1,601	1,142	7,069
	GRAND TOTAL	1,683	8,575	580	33,822	2,263	42,397

NOTE : 223 Primary Health Units which have been upgraded as Primary Health Centres and 83 new Primary Health Centres have been included under Rural.

AS ON 31.3.1990' (PROVISIONAL)

Sl. No.	District	HOSPITALS		PHC's		PHU's		TOTAL	
		Insti- tutions	Beds	Insti- tutions	Beds	Insti- tutions	Beds	Insti- tutions	Beds
1	2	3	4	5	6	7	8	9	10
1.	Bangalore (U)	12	4,227	22	126	43	55	77	4,408
2.	Bangalore (R)	4	156	45	379	32	44	81	579
3.	Belgaum	9	1,001	95	528	15	27	119	1,556
4.	Bellary	12	1,350	41	225	29	4	82	1,579
5.	Bidar	5	403	31	146	12	17	48	566
6.	Bijapur	12	806	70	396	5	34	87	1,236
7.	Chikmagalur	5	436	35	270	45	18	85	724
8.	Chitradurga	7	1,547	55	422	51	12	113	1,981
9.	D. Kannada	10	1,531	104	603	17	20	131	2,154
10.	Dharwad	17	1,853	75	424	33	23	125	2,300
11.	Gulbarga	12	1,070	60	324	32	14	104	1,408
12.	Hassan	7	717	49	259	52	60	108	1,036
13.	Kodagu	8	940	24	243	4	26	36	1,209
14.	Kolar	10	1,027	60	447	38	44	108	1,518
15.	Mandya	6	558	48	310	39	38	93	906
16.	Mysore	9	2,207	104	714	56	128	169	3,049
17.	Raichur	9	379	57	278	9	6	75	663
18.	Shimoga	7	722	53	280	51	96	111	1,098
19.	Tumkur	4	470	67	407	41	44	112	921
20.	U. Kannada	11	529	47	288	21	20	79	837
TOTAL		176	21,929	1,142	7,069	625	730	1,943	29,728

**HEALTH AND MEDICAL INSTITUTIONS (GOVERNMENT ONLY) IN
KARNATAKA STATE AS ON 31.3.1990 (PROVISIONAL)**

1. No. of Hospitals	-	176
2. No. of Primary Health Centres	-	1,142
3. No. of Primary Health Units	-	625
4. Total No. of Institutions	-	1,943
5. Total No. of Beds	-	29,728

**UPGRADED INSTITUTIONS (CHC'S), PRIMARY HEALTH CENTRES AND
PRIMARY HEALTH UNITS AS ON 31.3.1990**

1. No. of Community Health Centres		
including upgraded PHC's.	-	160
Taluk Level	-	129
Below Taluk Level	-	31
No. of Primary Health Centres		
upgraded	-	48
Taluk Level	-	36
Below Taluk Level	-	12
2. No. of Primary Health Centres	-	1,142
3. No. of Primary Health Units	-	625

NUMBER OF SUB-CENTRES IN KARNATAKA STATE AS ON 31.3.1990

1.	Bangalore (U)	134
2.	Bangalore (R)	276 /
3.	Belgaum	578
4.	Bellary	240 /
5.	Bidar	217
6.	Bijapur	426
7.	Chikmagalur	328
8.	Chitradurga	441
9.	D. Kanfada	692
10.	Dharwad	571
11.	Gulbarga	467
12.	Hassan	450
13.	Kodagu	158
14.	Kolar	359
15.	Mandya	364
16.	Mysore	672 /
17.	Raichur	349
18.	Shimoga	365
19.	Tumkur	404
20.	U. Kannada	302
TOTAL		7,793

**BED STRENGTH IN DISTRICT HOSPITALS IN KARNATAKA STATE
AS ON 31.3.1990.**

<u>District Hospital</u>	<u>(Under the control of DH and FWS)</u>	<u>Bed Strength</u>
1. District Hospital, Bidar		273
2. District Hospital, Bijapur		316
3. District Hospital, Chitradurga		390
4. S.C. Hospital, Hassan		305
5. District Hospital, Dharwad		170
6. General Hospital, Chikmagalur	191	
Maternity Hospital	88	279
7. District Hospital, Karwar		150
8. District Hospital, Mandya		250
9. S.N.R. Hospital, Kolar		260
10. District Hospital, Raichur		160
11. District Hospital, Tumkur		325
12. Mc. Gann Hospital, Shimoga		429
13. District Hospital, Madikeri	210	
Women and Children Hospital	200	410
TOTAL		3,717

SPECIALISED HOSPITALS AND INSTITUTIONS

A. Specialised Hospitals as on 31.3.1990.

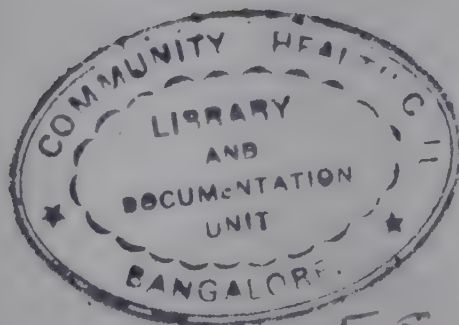
1. Minto Ophthalmic Hospital	-	1 (Government)
2. T.B. Hospitals	-	13 (Government-10 Private -3)
3. Leprosy Hospital	-	1 (Government)
4. Mental Hospitals	-	2 (1 Government 1 Autonomous)
5. Cancer Hospitals	-	2 (1 Autonomous 1 Private)
6. Jayadeva Institute of Cardiology	-	1 (Autonomous)
7. Sanjay Gandhi Institute of Accident, Rehabilitation and Physical Medicine	-	1 (Autonomous)
8. Epidemic Disease Hospitals	-	3 (Government)

B. Specialised Institutions like Clinics, Centres, Units etc., as on 31.3.1990

1. Central Malaria Laboratory	-	1
2. Drug Distribution Centres (DDCS)	-	3,074
3. Fever Treatment Depots (FTDS)	-	4,897
4. Urban Malaria Centres	-	8
5. Filaria Survey Cell	-	1
6. Filaria Clinics	-	16
7. Filaria Control Units	-	6

8. Virus Diagnostic Laboratory, Shimoga	-	1
9. KFD Trial Vaccine Unit, Shimoga	-	1
10. Cholera Combat Teams	-	5
11. Mobile Ophthalmic-cum- Dental Units	-	4
12. Divisional Mobile Ophthalmic Units	-	4
13. District Mobile Ophthalmic Units	-	6
14. Eye Banks	-	4 (3 Government 1 Private)
15. Lady Willingdon State T.B. Centre, Bangalore.	-	1
16. District T.B. Centres	-	22
17. District Leprosy Offices	-	20
18. Urban Leprosy Centres	-	46
19. Leprosy Control Centres	-	30
20. Modified Leprosy Control Units	-	12
21. Survey, Education and Treatment (SET) Centres.	-	675
22. Epidemiological Surveillance Team	-	1
23. Sample Survey-cum-Assessment Units	-	4
24. Temporary Hospitalisation Wards (20 bedded) Leprosy	-	22

25. Reconstructive Surgery Units - Leprosy	-	6	
26. Model Leprosy Control Centres	-	1	
27. Leprosy Rehabilitation Promotion Units	-	3	
28. Voluntary Organisations	-	22	
29. Mobile Nutrition Education and Demonstration Units.	-	5	
30. Public Health Institute, Bangalore.	-	1	
31. Divisional Food Laboratories	-	4	
32. District Laboratories	-	19	
33. Regional Assistant Chemical Examiners Laboratories	-	9	
34. Vaccine Institute, Belgaum	-	1	
35. Hospital Pharmacy	-	17	
36. Sexually Transmitted Disease Clinics	-	26	
37. Psychiatric Clinics	-	13	
38. Dental Clinics	-	127+4	Mobile Ophthalmic- cum-Dental Units
39. Burns Wards	-	6	
40. Blood Banks	-	60	(34 Govt. + 2 Auto. + 19 Private + 5 Vol.)



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41. Ambulance Facilities available in No. of Institutions	-	54
42. Mobile Medical Units	-	4
43. X-Ray Plants	-	141
Taluk Level	-	125
Below Taluk Level	-	16

Medical Colleges

Government	-	4
Private	-	15

Dental Colleges

Government	-	1
Private	-	12

College of Nursing

Government	-	1
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STATE HEALTH TRANSPORT ORGANISATION AS ON 31.3.1990

No.	Particulars	Nos.
1.	UNICEF	269
2.	State (Health Programme)	247
3.	Family Welfare	566
4.	India Population Project	247
5.	N.M.E.P.	134
6.	WHO	9
7.	N.L.C.P.	48
8.	U.K. Aid Mobile Clinics	27
9.	Prevention and control of Blindness	8
TOTAL		1,555

FAMILY WELFARE PROGRAMME

	<u>Nos.</u>
1. State Family Welfare Bureau	1
2. District Family Welfare Bureaux	20
3. City Family Welfare Bureaux	2
4. Urban Family Welfare Centres	102
a) Government	46
b) Local Bodies	27
c) Voluntary Organisation	26
d) Public Sector Undertakings	3
5. Rural Family Welfare Centres	269
6. Post Partum Centres	96
a) Type 'A'	12
b) Type 'B'	10
c) Type 'C'	6
d) Sub District Level/Post Partum Centres	68
7. Medical Termination of Pregnancy (MTP) Centres	470
a) Government	325
b) Private	145
SUB-CENTRES	7,793

TRAINING FACILITIES IN THE STATE

S1. No.	Name of the Course	No. of Insti- tutions	Intake Capacity	Pre-service/ in-service	Duration
1	2	3	4	5	6
1.	Health and Family Welfare- Training Centre	5	(GOI-2 IPP-1 State-2)		
	Integrated training for Medical Officers of Health	5	120	In-service	3 weeks
	Supervisory training for Health Assts. (M&F)	5	120	In-service	12 days
2.	Basic M.P.W. Training Course for Male	5	60 per batch	Pre-service	12 months
	Training of Block Health- Educators in Communication	5	120	In-service	30 days
3.	Leprosy Training Centres for Para Medical Staff	4	80	In-service	4 months
4.	Health Inspectors Training Course	7	525	In-service	12 months
5.	Promotional L.H.V. Training for Sr. H.A. (F)	4	120	In-service	6 months
6.	A.N.M. Training (M.P.W. Training for Female)	19	950	Pre-service	18 months
7.	Condensed General Nursing Course	2	40	In-service	12 months
8.	Lab. Technician Training Course - Sr.	1	20	In-service	12 months

1	2	3	4	5	6
9.	Lab. Technician Training Course - Jr.	4	80	Pre-service	12 months
10.	X-Ray Technician Training Course	10	76	Pre-service	12 months
11.	Dental Mechanic & Dental Hygienist Training Course	1	20	Pre-service	12 months
12.	General Staff Nurses Training	9	370	Pre-service	42 months
13.	Basic B.Sc., Nursing	1	35	Pre-service	48 months
14.	Basic Nursing Post Certificate Course	1	30	In-service	24 months
15.	Ophthalmic Asst./Refractionist Training Course.	4	120	Pre-service	24 months
16.	Orthoptists/Refractionists & Opticians Training Course	1	24	Pre-service	24 months
17.	Food Inspectors Training Course	1	20 per batch	Pre-service In-service	3 months
18.	Continuing Education for Med. Officer, Sr.H.A.(M), Jr.H.A.(M)	4	10 per batch	In-service	10 days
	Sr. H.A. (Female)	3	20 per batch	In-service	10 days
	Jr. H.A. (Female)	6	20 per batch	In-service	10 days

**CADRE STRENGTH OF THE DEPARTMENT OF HEALTH AND FAMILY
WELFARE SERVICES AS ON 31/3/1990**

S1. No.	Name of the Cadre	Sanctioned
1	2	3
1.	Director of Health and Family Welfare Services.	1
2.	Director of Health Education and Training	1
3.	Additional Directors	3
4.	Joint Directors	17
5.	Health Officers (Class I Senior)	63
6.	Surgeons	121
7.	Superintendents (T.B. Hospitals)	10
8.	Health Officers (Class I Junior)	431
9.	Health Officer-cum-Assistant Surgeons	3,630
10.	Chief Administrative Officer	1
11.	Chief Accounts Officer-cum-Financial Adviser	1
12.	Demographer	1
13.	Deputy Director (Nutrition)	1
14.	Dental Surgeons	3
15.	Deputy Dental Surgeons	33
16.	Assistant Dental Surgeons	108

1	2	3
17. Administrative Officers		4
18. Medical Record Officers		3
19. Gazetted Assistants/Lay Secretaries		68
20. Chief Pharmacists		17
21. Graduate Pharmacists		35
22. Deputy Director (Pharmacy)		1
23. Senior Chemists and Public Analysts		7
24. Chief Chemist		1
25. Assistant Chemical Examiners		10
26. Food Analysts		2
27. Assistant Nutrition Officers		5
28. Health Equipment Officer		1
29. Assistant Engineer (Electrical)		1
30. Senior Entomologists		5
31. Deputy Director (Information)		1
32. Service Engineers		20
33. Nursing Superintendents Gr. I		45
34. Nursing Superintendents Gr. II		302
35. Nursing Tutors		68
36. Senior Staff Nurses		600
37. Principals School of Nursing		9
38. Lecturers College of Nursing		5
39. Professors College of Nursing		5

1	2	3
40. Assistant Professors		5
41. Principal College of Nursing		1
42. Educational Instructors		4
43. Staff Nurses		4,007
44. Health Supervisors (Gazetted)		21
45. Health Supervisors (Non-Gazetted)		76
46. Senior Health Assistants		950
47. Junior Health Assistants		5,556
48. Para Medical Workers		1,010
49. Senior Laboratory Technicians		298
50. Junior Laboratory Technicians		1,218
51. X-Ray Technicians		207
52. Radiographers		50
53. Refractionists		293
54. Orthoptists		8
55. Assistant Medical Record Officers		10
56. Medical Record Technicians		27
57. Physiotherapists (General)		31
58. Physiotherapists (Leprosy)		51
59. Electricians		52
60. Clinical Psychologists		12
61. Dental Mechanics		30
62. Dental Hygienists		9

1	2	3
63. Dieticians		8
64. Junior Chemists		20
65. Social Workers		35
66. Mechanics Class - I		3
67. Occupational Therapists		5
68. Pump Mechanic		1
69. Wireman		1
70. Modellers		4
71. Diseal Mechanic-cum-Electricians		2
72. Artist-cum-Photographers		8
73. Artists		2
74. Draftsman		1
75. Physical Culture Instructors		4
76. Autoclave Mechanics		2
77. Boiler Attender		1
78. Darkroom Assistants		3
79. Entomological Assistants		8
80. Scientific Assistants		4
81. Air Conditioning Operators		2
82. Superintendent (Technical)		1
83. Printing Instructor		1
84. Weaving Instructor		1

1	2	3
85. Looms Mechanic		1
86. Health Equipment and Repair Supervisors		4
87. Craftsmen		1
88. Sub Editor		1
89. Home Science Assistant		1
90. Silkscreen Technician		1
91. Leather Workers		2
92. Optical Mechanic		1
93. Psychiatric Social Worker		1
94. Teacher		1
95. Speech Pathologist and Audiologists		2
96. Superintendent (Vaternary)		1
97. Speech Therapist		1
98. Lady Health Visitors		1,219
99. Junior Health Assistants		9,137
100. District Health Education Officers		19
101 Deputy Health Education Officers		84
102. Block Health Educators		415
103 Projectionists		39
104 Assistant Editors		2
105 Assistant Entomologists		5
106 Pharmacists		2,397
107 Health Education Instructor/ Social Instructor H.E.O.		12

1	2	3
108	Lecturer in Health Education and Family Welfare	4
109	Nursing Superintendents	71
110	Statistician/Statistical Officer	3
111	Assistant Director (Press)	1
112	Scientific Officer	1
113	Cold Chain Officer	1
114	Nursing Superintendents Grade-II P.H.	50
115	Others	20,534
TOTAL		53,695

IMPORTANT HEALTH INDICIES

(FOR PROJECTED POPULATION OF 1990)

(GOVERNMENT HEALTH AND MEDICAL INSTITUTIONS ONLY)

I INSTITUTION POPULATION RATIO		
i. Rural		1: 19527
ii. Urban		1: 39789
iii. Total		1: 22895
II BED POPULATION RATIO		
i. Rural		1: 4948
ii. Urban		1: 551
iii. Total		1: 1496
III DOCTOR POPULATION RATIO		
Excluding Teaching Staff		1: 10062
Including Teaching Staff		1: 8196
IV AUXILARY NURSE MIDWIFE/MIDWIFE POPULATION RATIO		
For Total Population		1: 4869
For Rural Population		1: 3462
V NURSE BED RATIO		
		1: 7

ALL HEALTH AND MEDICAL INSTITUTIONS IN THE STATE

I INSTITUTION POPULATION RATIO		
i. Rural		1: 18796
ii. Urban		1: 22158
iii. Total		1: 19658
II BED POPULATION RATIO		
i. Rural		1: 3689
ii. Urban		1: 380
iii. Total		1: 1049

PERFORMANCE UNDER DIFFERENT PROGRAMMES

1. MALARIA

Year	Blood Collected	Smears Examined	Total Positive cases	P.F. Cases	Radical treatment given	ABER	SPR	API
1	2	3	4	5	6	7	8	9
1985	52,93,393	52,83,545	39,237	9,738	37,300	14.28	0.74	1.0
1986	57,54,370	57,54,370	58,119	17,170	56,558	15.60	1.01	1.6
1987	63,92,129	63,92,110	88,505	29,582	82,926	16.51	1.38	2.3
1988	68,66,873	68,54,873	1,27,008	37,667	1,17,808	17.39	1.85	3.2
1989	66,81,678	66,81,678	1,06,683	29,658	1,01,927	18.23	1.59	2.3

NB : ABER = Annual Blood Examination Rate

SPR = Slide Positive Rate

API = Annual Parasite Index

2. FILARIA

Year	No. of Blood Smears Examined	No. of Micro Filaria Cases	Disease Cases	Treatment given
1	2	3	4	5
1985	25,930	557	809	584
1986	55,334	2,837	2,249	2,439
1987	85,968	2,852	2,457	4,644
1988	92,247	3,077	1,870	3,934
1989	97,624	2,393	2,442	3,356

. COMMUNICABLE DISEASES :

Year	Japanese Encephalitis		Kyasanur Forest Disease		Gastro Enteritis		Anti Cholera Inoculations done	
	Attacks	Deaths	Confirmed for K.F.D.	Deaths	Attacks	Deaths	Attacks	Deaths
1985	138	57	377	12	7,750	399	797	50
1986	635	186	173	14	9,396	392	1,212	59
1987	132	43	51	10	9,745	508	1,918	87
1988	81	27	56	6	14,091	639	2,167	70
1989	49	18	471	12	9,918	418	787	26

AIDS SURVEILLANCE AMONG THE HIGH RISK GROUP DURING THE YEAR 1987, 1988 AND 1989.

Sl. No.	Year	Number Examined	No. of positives	No. of Deaths
1.	1987	913	-	-
2.	1988	2,266	6	2
3.	1989	25,908	33	1

4. NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS.

Year	Cataract Operations		
	Target	Achievement	Percentage of Achievement
1985-86	70,000	50,263	71.0
1986-87	70,000	52,859	75.5
1987-88	70,000	48,287	68.9
1988-89	50,000	46,038	92.1
1989-90	54,000	38,121	70.6

5. NATIONAL T.B. CONTROL PROGRAMME.

Year	No. of T.B. Cases			BCG Vaccination		
	Target	Achievement	% of Ach.	Target	Achievement	% of Ach.
1985-86	82,500	55,487	67.2	10,00,000	7,22,839	72.3
1986-87	85,000	64,253	75.5	9,00,000	7,92,462	88.1
1987-88	85,000	71,051	83.5	9,50,000	9,36,707	98.6
1988-89	85,000	73,236	86.2	10,64,000	9,95,848	93.6
1989-90	85,000	78,403	92.2	11,01,100	10,67,960	97.8

. NATIONAL LEPROSY ERADICATION PROGRAMME.

Year	New Cases detected			No. of cases discharged as disease arrested/cured.		
	Target	Achievement	% of Ach.	Target	Achievement	% of Ach.
1985-86	33,500	24,204	72.2	10,470	8,759	83.6
1986-87	33,000	28,449	86.2	16,000	16,752	104.7
1987-88	20,000	29,766	148.8	20,000	22,501	112.5
1988-89	20,000	31,613	158.1	35,000	28,811	82.3
1989-90	18,000	28,103	156.1	40,000	40,318	100.8

. NUTRITION PROGRAMME.

Prophylaxis against Vitamin 'A' Deficiency.

Year	I Dose			II Dose		
	Target	Achievement	% of Ach.	Target	Achievement	% of Ach.
1985-86	23,00,000	18,38,192	79.9	23,00,000	19,08,926	83.0
1986-87	30,00,000	22,48,838	75.0	30,00,000	22,93,830	76.5
1987-88	30,00,000	25,37,709	84.6	30,00,000	25,75,371	85.8
1988-89	30,00,000	24,87,680	82.9	30,00,000	26,48,259	88.3
1989-90	30,00,000	25,60,594	85.3	30,00,000	No Administration for want of supplies.	

IMMUNISATION PROGRAMME UNDER ICDS SCHEME :

Year	Vaccine	Target	Achievement	% of Achievement
1985-86	BCG (0-1 Year)	2,97,360	3,99,542 *	134.4
	DPT	2,97,360	3,28,114	110.3
	Polio	2,97,360	3,21,275	108.0
	T.T. (Mothers)	2,97,360	2,36,580	79.6
1986-87	BCG	3,48,400	3,39,482	97.4
	DPT	3,48,400	2,96,454	85.1
	Polio	3,48,400	2,94,892	84.6
	Measles	3,48,400	50,384	14.5
	T.T. (Mothers)	3,48,400	2,41,425	69.3
1987-88	BCG	3,80,200	3,85,861	101.5
	DPT	3,80,200	3,08,059	81.0
	Polio	3,80,200	2,82,407	74.3
	Measles	3,80,200	2,25,828	59.4
	T.T. (Mothers)	3,80,200	2,98,621	78.5

* - This includes children of 1-2 years

Year	Vaccine	Target	Achievement	% of Achievement
1988-89	BCG	4,18,550	4,31,580	103.1
	DPT	4,18,550	3,62,944	86.7
	Polio	4,18,550	3,51,795	84.0
	Measles	4,18,550	2,90,591	69.4
	T.T. (Mothers)	4,50,350	3,09,972	68.8
1989-90	BCG	5,11,500	3,95,563	77.3
	DPT	5,11,500	3,39,870	66.4
	Polio	5,11,500	3,40,004	66.5
	Measles	5,11,500	2,91,501	57.0
	T.T. (Mothers)	5,60,800	3,11,804	55.6

8. NATIONAL GOITRE CONTROL PROGRAMME

1988-89

S1. No.	District	No. of Villages Surveyed	No. of Cases Examined	Total No. of Goitre cases detected	Percentage
1	2	3	4	5	6
1	Shimoga	50	22,101	1,525	6.90
2.	Gulbarga	21	9,562	465	4.86
3.	Mysore	30	14,378	234	1.62
TOTAL		101	46,041	2,224	4.83

1989-90

1.	Chitradurga	35	15,738	156	0.99
2.	Shimoga	50	22,101	1,525	6.90
3.	Tumkur	37	17,328	388	2.24
4.	Dharwad	35	23,681	374	1.58
5.	Gulbarga	21	9,582	465	4.85
6.	D. Kannada	17	15,591	2,230	14.30
7.	Kodagu	3	4,623	1,069	23.12
8.	Mysore	30	14,475	234	1.62
TOTAL		228	1,23,119	6,441	5.23

9. SCHOOL HEALTH PROGRAMME :

Sl. No.	Particulars	Years				
		1985-86	1986-87	1987-88	1988-89	1989-90
1	2	3	4	5	6	7
1.	No. of Primary Health Centres under School Health Programme	100	122	465	545	836
2.	No. of Primary and Higher Primary Schools	9,284	9,306	27,253	38,035	39,118
3.	No. of Pupils in 1st Standard	3,29,300	3,30,000	9,84,900	10,24,000	11,25,000
4.	No. of 1st Standard Children examined by Doctor	47,974	64,198	2,78,759	2,83,800	2,45,556
5.	No. of 1st Standard children found defective	5,329	9,692	32,334	47,983	25,404
6.	No. of 1st standard children followed up	1,897	3,570	8,663	22,632	9,515
7.	IMMUNISATION SERVICES PROVIDED :					
i.	No. of children given D & T Vaccine					
	1st dose	1,06,886	87,693	4,01,140	3,64,680	4,32,850
	2nd Dose	1,01,899	98,088	3,06,100	3,05,148	4,25,740
	Booster dose	3,812	334	30,717	76,229	92,100

1	2	3	4	5	6	7
ii. No. of children given Typhoid vaccine						
1st Dose	90,182	90,123	3,63,105	1,67,043	68,329	
2nd Dose	63,217	85,952	2,74,607	1,61,411	65,032	
Booster dose	1,523	1,988	7,575	5,260	1,585	
iii. No. of children given Tetanus Toxoide						
1st Dose	40,559	47,724	1,90,578	2,27,595	3,47,911	
2nd Dose	28,448	40,433	1,58,135	2,01,885	3,69,888	
Booster Dose	2,274	3,399	24,219	26,579	77,309	
iv. No. of children given BCG Vaccine	30,911	22,457	86,215	10,767	93,879	
8. No. of Schools supplied with kits.	695	427	-	-	-	
9. No. of Teachers trained in School Health	1,516	1,142	181	-	-	
10. No. of Medical Officers trained in School Health	451	45	36	151	75	
11. No. of Schools with school lunch	943	516	196	612	875	

MOBILE OPHTHALMIC-CUM-DENTAL SPECIALISTS UNITS

No. of P.H.C's visited		61		58		54	
		1985-86		1986-87		1987-88	
		Standards		Standards		Standards	
		I	VII	I	IV	VII	IV
		I		I		I	
		IV		IV		IV	
		VII		VII		VII	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII		VII	
		IV		IV		IV	
		VII		VII			

MOBILE OPHTHALMIC-CUM-DENTAL SPECIALISTS UNITS

No. of P.H.C's visited		43	73
		1988-89	1989-90
	I	Standards IV	Standards IV
		VII	I
			VII
i) No. Examined			
a) Dental	7,772	6,850	5,842
b) Ophth	10,285	9,460	7,773
ii) No. Defective			
a) Dental	1,791	1,951	1,060
b) Ophth.	503	667	581
iii) No. Treated			
a) Dental	1,268	1,220	473
b) Ophth	470	619	529

10. NO. OF PERSONNEL TRAINED UNDER MULTIPURPOSE WORKER'S SCHEME

11. PUBLIC HEALTH INSTITUTE

		Years				
		1985-86	1986-87	1987-88	1988-89	1989-90
1.	MANUFACTURING OF VACCINE.					
a)	Anti-Cholera Vaccine.	14,86,360 ml.	11,64,060 ml	13,48,800 ml	10,36,000 ml	11,24,300 ml
b)	Anti-Typhoid Vaccine	26,666 ml	27,000 ml	30,000 ml	27,000 ml	Nil
2.	BACTERIOLOGICAL ANALYSIS OF WATER.					
a)	i) No. of motion samples received and examined	3,296	3,842	3,146	4,299	3,062
	ii) No. found to be positive for Vibrio Cholera	496	659	714	1,015	554
b)	No. of water Samples received and examined.	2,998	1,959	1,738	1,509	1,494
c)	No. of blood samples received for VDRL/Widal	47	45	114	186	57
3.	FOOD AND WATER ANALYSIS					
a)	No. of samples received and examined from notified area	2,895	3,064	3,242	2,813	2,432

	Year				
	1985-86	1986-87	1987-88	1988-89	1989-90
b) No. of samples found adulterated	350	289	348	276	216
c) No. of food samples received and examined from Govt. Institutions Govt. Hospitals and Private parties (other than PFA)	475	674	737	418	531
d) No. of water effluents and sewage samples received and examined	654	533	418	341	314

12. HOSPITAL PHARMACY

PRODUCTION OF I.V. FLUID

Year	Target	No. of Bottles manufactured
1985-86	12,87,600	9,34,601
1986-87	13,05,000	8,68,694
1987-88	13,05,000	8,07,358
1988-89	14,94,000	9,54,443
1989-90	14,94,000	6,04,366

13. FAMILY WELFARE AND MATERNAL AND CHILD HEALTH PROGRAMME

A. Family Welfare

Year	Target Achievement % of ach.	Sterili- sation	I.U.D.	C.C. Users	Oral pill users
1985-86	Target Achievement % of ach.	3,36,000 3,42,234 101.9	1,60,000 1,69,007 105.6	2,00,000 1,69,224 84.6	63,000 42,816 68.0
1986-87	Target Achievement % of ach.	3,50,000 3,34,060 95.4	1,80,000 1,87,542 104.2	1,40,000 1,78,690 127.6	63,000 42,732 67.8
1987-88	Target Achievement % of ach.	3,50,000 3,19,763 91.4	1,98,000 1,89,765 95.8	2,20,000 2,09,316 95.1	63,000 71,949 114.2
1988-89	Target Achievement % of ach.	3,25,000 3,01,147 92.7	2,10,000 2,04,693 97.5	2,20,000 2,23,745 101.7	65,000 75,608 116.3
1989-90	Target Achievement % of ach.	3,50,000 2,89,270 82.6	2,23,000 2,02,096 90.6	2,46,000 2,23,191 90.7	65,000 75,090 115.5

ELIGIBLE COUPLES PROTECTED - FAMILY WELFARE METHODS

(In Numbers)

Year	Eligible couples estimated	Sterilisation	IUD	Other methods	Total	% of couples protected
1985-86	67,36,420	20,63,546	2,51,286	1,22,928	24,37,760	36.2
1986-87	68,95,000	22,68,694	3,02,423	1,32,083	27,03,200	39.2
1987-88	70,53,400	24,41,924	3,34,964	1,76,607	29,53,495	41.9
1988-89	72,13,220	25,87,447	3,66,820	1,87,481	31,41,748	43.6

14. DAIS TRAINING PROGRAMME :

Year	Target	Achievement	% of Achievement
1985-86	4,000	3,758	94.0
1986-87	3,000	2,864	95.6
1987-88	3,500	3,309	94.5
1988-89	3,500	3,173	90.7
1989-90	3,500	3,029	86.5

15. VILLAGE HEALTH GUIDE SCHEME :

Number of Districts covered	-	12
Number of Village Health Guides		
Trained	-	15,460
Males	-	13,013
Females	-	2,447

Year	Target Achievement % of Ach.	D.P.T.	D.T.	T.T. (Expectant Mothers)	Polio	Measles	Prophylaxis against Nutritional Anaemia.	
							Mother beneficiaries	Children beneficiaries
1985-86	Target	9,00,000	5,50,000	8,20,000	9,00,000	1,20,000	9,00,000	9,00,000
	Achievement	9,40,618	6,04,973	7,57,063	7,74,694	35,124	8,59,677	7,93,079
	% of Ach.	104.5	110.0	92.3	86.1	29.3	95.5	88.1
1986-87	Target	9,00,000	6,20,000	9,00,000	9,00,000	3,50,000	12,00,000	12,00,000
	Achievement	7,61,050	5,89,482	7,83,128	7,48,753	1,79,667	9,80,274	7,20,273
	% of Ach.	84.6	95.1	87.0	83.2	51.3	81.7	60.0
1987-88	Target	9,50,000	7,00,000	10,00,000	9,50,000	8,00,000	12,00,000	12,76,000
	Achievement	8,56,018	7,31,642	9,42,625	8,04,695	6,09,146	11,86,751	10,18,471
	% of Ach.	90.1	104.5	94.3	84.7	76.1	98.9	79.8
1988-89	Target	10,64,000	9,33,000	11,17,000	10,64,000	10,64,000	12,00,000	30,00,000
	Achievement	8,83,043	7,14,751	9,72,970	8,71,275	6,81,395	12,07,691	10,59,719
	% of Ach.	83.0	76.6	87.1	81.9	64.0	100.6	35.3
1989-90	Target	11,01,100	9,20,800	12,07,800	11,01,100	11,01,100	12,00,000	30,00,000
	Achievement	9,12,903	7,31,945	10,42,119	9,08,705	7,33,224	13,98,994	14,64,404
	% of Ach.	82.9	79.5	86.3	82.5	66.6	116.6	48.8

NO. OF INDOOR AND OUTDOOR PATIENTS TREATED AND DEATHS AMONG INDOOR PATIENTS IN GOVERNMENT HEALTH AND MEDICAL INSTITUTIONS DURING THE YEAR 1989 - PROVISIONAL.

Sl. No.	Type of Institution	In-Patients	Out Patients			Deaths among in-patients
			Old	New	Total *	
1.	District Hospitals	2,46,081	10,35,255	19,06,951	29,42,206	3,256
2.	Major Hospitals	44,971	88,124	2,92,240	3,89,099	770
3.	Teaching Hospitals	3,38,220	13,65,060	15,15,012	37,05,005	9,401
4.	Health and Medical Institutions under the control of DH & FWOs.	1,59,730	29,73,194	63,38,884	94,74,156	1,909
TOTAL		7,89,002	54,61,633	10,053,087	16,510,466	15,336

NOTE :- * Total figures do not tally with the Old and New Patients treated since some of the Institutions have furnished only the total figures.

**INCIDENCE AND MORTALITY FROM PRINCIPAL DISEASES
FOR THE YEAR 1988 AND 1989**

Sl. No.	Name of the Disease	1988		1989 (Provisional)	
		Cases	Deaths	Cases	Deaths
1	2	3	4	5	6
1.	Acute Diarrhoeal Diseases other than Cholera	2,72,938	356	2,65,723	179
2.	Diphtheria	1,141	15	1,165	8
3.	Poliomyelitis	1,325	30	326	6
4.	Tetanus :				
	i) Neonatal	348	62	111	29
	ii) Others	5,630	358	2,789	147
5.	Whooping Cough	8,190	13	3,477	-
6.	Measles	5,750	33	8,706	20
7.	i) Acute Respiratory Infection.	2,72,565	120	2,07,173	248
	ii) Pneumonia	7,697	101	2,748	80
8.	Enteric Fever	21,174	39	8,078	19
9.	Viral Hepatitis	6,944	93	2,602	71
10.	Japanese Encephalitis	44	18	7	3
11.	Meningococcal Meningitis	175	29	385	9
12.	Rabies	3,626	47	2,179	27
13.	Syphilis	9,192	1	5,973	-
14.	Gonococcal Infection	10,265	-	7,620	2
15.	T.B.	2,98,595	1,330	70,049	943
16.	All other Diseases	94,50,199	13,499	68,43,310	6,694
TOTAL		1,03,75,798	16,144	74,32,421	8,485

**INFRASTRUCTURAL FACILITIES UNDER NATIONAL MALARIA
ERADICATION PROGRAMME AS ON 31/3/1990**

Sl. No.	Division/ District	Drug Distribution Centres	Fever Treatment Depots	Malaria Clinics
BANGALORE DIVISION				
1.	Bangalore (U)	-	133	10
2.	Bangalore (R)	-	-	24
3.	Chitradurga	-	863	20
4.	Kolar	233	141	21
5.	Shimoga	-	489	28
6.	Tumkur	302	165	13
BELGAUM DIVISION				
7.	Belgaum	8	72	42
8.	Bijapur	77	106	34
9.	Dharwad	201	277	29
10.	U. Kannada	370	132	8
GULBARGA DIVISION				
11.	Bellary	6	48	20
12.	Bidar	124	194	17
13.	Gulbarga	41	35	35
14.	Raichur	-	120	36
	UKP N Pura	-	6	4
MYSORE DIVISION				
15.	Chikmagalur	234	330	13
16.	D. Kannada	-	106	29
17.	Hassan	634	14	25
18.	Kodagu	-	13	13
19.	Mandya	501	90	21
20.	Mysore	343	1,563	44
STATE TOTAL		3,074	4,897	486

NATIONAL MALARIA ERADICATION PROGRAMME

No. of Blood Smears Collected, Examined, Positives, PF Cases and Radical Treatment given during the year 1989.

Sl. No.	Division/ District	Total Blood Smears		Positive	Total No. of PF Cases	Total No. of cases R.T. given
		Collected	Examined			
BANGALORE DIVISION						
1.	Bangalore (U)	1,69,518	1,69,518	180	21	141
2.	Bangalore (R)	2,52,390	2,52,390	40	4	35
3.	Chitradurga	4,78,748	4,78,748	20,358	4,648	19,766
4.	Kolar	4,19,653	4,19,653	9,381	5,817	8,772
5.	Shimoga	2,62,440	2,62,440	120	17	101
6.	Tumkur	4,56,633	4,56,633	10,969	2,509	10,550
BELGAUM DIVISION						
7.	Belgaum	3,99,846	3,99,846	1,576	541	1,559
8.	Bijapur	5,29,789	5,29,789	14,180	2,064	13,393
9.	Dharwad	4,55,595	4,55,595	655	88	644
10.	U. Kannada	2,18,486	2,18,486	171	4	167
GULBARGA DIVISION						
11.	Bellary	2,69,155	2,69,155	7,318	2,206	6,420
12.	Bidar	1,51,983	1,51,983	431	51	408
13.	Gulbarga	3,02,634	3,02,634	10,382	2,946	10,091
14.	Raichur	4,67,239	4,67,239	18,112	6,268	17,503
	UK P.N. Pura	59,288	59,288	3,923	1,099	3,822
MYSORE DIVISION						
15.	Chikmagalur	2,04,914	2,04,914	1,296	244	1,071
16.	D. Kannada	2,89,606	2,89,606	279	2	274
17.	Hassan	3,47,547	3,47,547	3,173	776	3,060
18.	Mandya	3,27,128	3,27,128	1,807	77	1,836
19.	Mysore	5,12,826	5,12,826	2,294	274	2,283
20.	Kodagu	1,06,260	1,06,260	38	2	31
TOTAL		66,81,678	66,81,678	1,06,683	29,658	1,01,927

**INFRASTRUCTURAL FACILITIES UNDER NATIONAL FILARIA CONTROL
PROGRAMME AS ON 31/3/1990**

S1. No.	District	Filaria Survey Cell	Filaria Clinics	Filaria Control Units.
1.	Bidar	-	3	1
2.	Bijapur	-	1	1
3.	D. Kannada	-	2	2
4.	Gulbarga	1	8	2
5.	U. Kannada	-	2	-
TOTAL		1	16	6

NATIONAL FILARIA CONTROL PROGRAMME 1989

S1. No.	District	No. of Blood Smears Examined	No. of Micro- Filaria cases	Disease cases	Treat- ment given
1.	Bidar	9,769	210	638	847
2.	Bijapur	9,885	261	102	261
3.	D. Kannada	7,704	160	111	169
4.	Gulbarga	51,701	1,474	1,526	1,789
5.	U. Kannada	15,834	71	36	73
6.	Raichur	2,731	217	29	217
TOTAL		97,624	2,393	2,442	3,356

COMMUNICABLE DISEASES CONTROL PROGRAMME

No. of Cases and Deaths due to Japanese Encephalitis in the State during the year 1989.

Sl.No.	District	Cases	Deaths
1.	Kolar	17	2
2.	Tumkur	17	6
3.	Gulbarga	3	2
4.	Raichur	1	-
5.	Kodagu	4	4
6.	Mandya	7	4
TOTAL		49	18

No. of Cases and Deaths due to Kyasanur Forest Disease During the year 1989.

Sl. No.	District	No. of suspected cases	No.confirmed for K.F.D.	No. of Deaths
1.	Shimoga	1,281	360	4
2.	U. Kannada	261	78	6
3.	D. Kannada	109	33	2
TOTAL :		1,651	471	12

No. of Cases and Deaths due to Gastroenteritis, Cholera and Anti-Cholera Inoculations done during the year 1989.

Sl. No.	Division/ District	<u>Gastroenteritis</u>		<u>Cholera</u>		Anti-Cholera Inoculations done.
		Cases	Deaths	Cases	Deaths	
BANGALORE DIVISION						
1.	Bangalore (U)	649	11	75	3	1,92,832
2.	Bangalore (R)	722	17	77	-	6,825
3.	Chitradurga	609	11	89	2	70,525
4.	Kolar	487	36	92	7	1,37,390
5.	Shimoga	514	20	23	3	23,246
6.	Tumkur	1,144	46	107	1	85,945
BELGAUM DIVISION						
7.	Belgaum	55	3	-	-	7,174
8.	Bijapur	268	21	-	-	76,961
9.	Dharwad	361	14	7	-	23,968
10.	U. Kannada	4	1	-	-	
GULBARGA DIVISION						
11.	Bellary	826	40	8	-	33,483
12.	Bidar	720	15	4	-	74,445
13.	Gulbarga	1,114	63	47	2	73,666
14.	Raichur	683	49	5	1	61,319
MYSORE DIVISION						
15.	Chikmagalur	220	9	10	-	6,001
16.	D. Kannada	141	6	3	-	2,404
17.	Hassan	215	10	218	6	49,958
18.	Kodagu	199	22	3	-	3,749
19.	Mandya	90	8	6	-	7,853
20.	Mysore	897	16	13	1	41,133
TOTAL		9,918	418	787	26	9,78,877

AIDS POSITIVE CASES FOR THE YEAR 1989

Sl.No.	District	Attacks	Deaths
1.	Bangalore (U)	16	1
2.	Belgaum	7	-
3.	Bijapur	5	-
4.	D. Kannada	2	-
5.	Kodagu	1	-
6.	Mandya	1	-
7.	Mysore	1	-
TOTAL		33	1

AIDS SURVEILLANCE AMONG THE HIGH RISK GROUP DURING THE YEAR 1989.

Sl. No.	Specimen Category	Number Examined	Number Positives	No. of Deaths
1.	S.T.D. Patients	2,038	8	1
2.	Prostitutes	357	8	-
3.	Professional Blood Donors	13,326	14	-
4.	Voluntary Blood Donors	7,108	2	-
5.	Drug Addicts	-	-	-
6.	Hospital Cases	70	-	-
7.	Foreigners	241	1	-
8.	Blood Products	-	-	-
9.	Blood & Blood Product recipients	-	-	-
10.	Jail inmates	-	-	-
11.	Homo Sexuals	5	-	-
12.	Miscellaneous	2,763	-	-
TOTAL		25,908	33	1

INFRASTRUCTURAL FACILITIES UNDER NATIONAL PROGRAMME FOR CONTROL OF BLINDNESS

AS ON 31/3/1990

S1. No.	Division/ District	Regional Institute of Ophthalmology	Divisional Mobile Ophthalmic Units	Dist. Mobile Ophthalmic Units	Eye Banks	Dist. Hospitals	Upgradation of Medical Colleges	Primary Health Centres developed under NPCB
BANGALORE DIVISION :								
1.	Bangalore (U)	1	1	-	1	1	-	6
2.	Bangalore (R)	-	-	-	-	-	-	11
3.	Chitradurga	-	-	1	-	1	1	12
4.	Kolar	-	-	-	-	1	-	13
5.	Shimoga	-	-	-	-	1	-	10
6.	Tumkur	-	-	1	-	1	-	16
BELGAUM DIVISION :								
7.	Belgaum	-	1	-	1	1	1	18
8.	Bijapur	-	-	1	-	1	-	19
9.	Dharwad	-	-	-	-	1	1	22
10.	U. Kannada	-	-	1	-	1	-	11
GULBARGA DIVISION :								
11.	Bellary	-	-	-	-	1	-	14
12.	Bidar	-	-	-	-	1	-	10
13.	Gulbarga	-	1	-	-	1	-	21
14.	Raichur	-	-	1	-	1	-	17
MYSORE DIVISION :								
15.	Chikmagalur	-	-	1	-	1	-	8
16.	D. Kannada	-	-	-	-	1	-	16
17.	Hassan	-	-	-	-	1	-	12
18.	Kodagu	-	-	-	-	1	-	3
19.	Mandya	-	-	-	-	1	-	11
20.	Mysore	-	1	-	1	-	-	16
TOTAL								
		1	4	6	3	18	3	266

**NUMBER OF CATARACT OPERATIONS PERFORMED DURING THE YEAR
1989-90**

S1. No.	Division/ District	Annual Target for 1989-90	Achievement	Percentage of Ach.
BANGALORE DIVISION :				
1.	Bangalore (U)	4,691	4,531	96.6
2.	Bangalore (R)	2,505	445	17.8
3.	Chitradurga	2,580	1,975	76.6
4.	Kolar	2,770	1,322	47.7
5.	Shimoga	2,405	1,235	51.4
6.	Tumkur	2,870	1,431	49.9
BELGAUM DIVISION :				
7.	Belgaum	4,334	2,455	56.6
8.	Bijapur	3,490	2,020	57.9
9.	Dharwad	4,280	3,799	88.8
10.	U. Kannada	1,560	514	32.9
GULBARGA DIVISION :				
11.	Bellary	2,165	1,746	80.6
12.	Bidar	1,445	1,121	77.6
13.	Gulbarga	3,029	1,320	43.6
14.	Raichur	2,595	1,330	51.3
MYSORE DIVISION :				
15.	Chikmagalur	1,335	596	44.6
16.	D. Kannada	3,450	3,557	103.1
17.	Hassan	1,975	1,085	54.9
18.	Kodagu	680	286	42.1
19.	Mandya	2,065	2,081	100.8
20.	Mysore	3,776	3,188	84.4
	Other Institutions	-	2,084	-
TOTAL		54,000	38,121	70.6

No. of Cataract Operations performed by the Divisional Mobile Ophthalmic Units during the year 1989-90.

<u>Division</u>	<u>No. of Cataract Operations done</u>	<u>NOTE</u>
Bangalore	951	These figures have been included in the above table in the respective Districts.
Belgaum	814	
Gulbarga	959	
Mysore	2,364	

**BENEFICIARIES COVERED UNDER VIT 'A' ADMINISTRATION IN
KARNATAKA DURING THE YEAR 1989-90**

Sl. No.	Division/ District	Target	1st Dose		2nd Dose	
			Achieve- ment	% of Ach.	Achieve- ment	% of Ach.
BANGALORE DIVISION						No Administration for want of supplies.
1.	Bangalore (U)	82,650	60,641	73.4		
2.	Bangalore (R)	1,46,000	1,24,721	85.4		
3.	Chitradurga	1,66,450	1,45,344	87.3		
4.	Kolar	1,90,400	1,43,292	75.3		
5.	Shimoga	1,43,500	1,24,815	87.0		
6.	Tumkur	1,93,800	1,39,425	71.9		
BELGAUM DIVISION						
7.	Belgaum	2,79,500	2,27,810	81.5		
8.	Bijapur	2,20,000	1,78,628	81.2		
9.	Dharwad	2,15,100	1,92,065	89.3		
10.	U. Kannada	88,150	75,675	85.8		
GULBARGA DIVISION						
11.	Bellary	1,14,450	1,06,881	93.4		
12.	Bidar	86,400	69,825	80.8		
13.	Gulbarga	1,73,800	1,33,123	76.6		
14.	Raichur	1,82,100	1,58,735	87.2		
MYSORE DIVISION						
15.	Chikmagalur	73,700	72,203	98.0		
16.	D. Kannada	2,29,050	1,72,510	75.3		
17.	Hassan	1,23,350	1,09,917	89.1		
18.	Kodagu	41,850	37,105	88.7		
19.	Mandya	1,26,300	1,10,868	87.8		
20.	Mysore	2,20,000	1,62,264	73.8		
Bangalore (ICDS)						
(State Sector)		10,000	4,779	47.8		
Bangalore (ICDS)						
(Central Sector)		10,000	9,968	99.7		
TOTAL		31,16,550	25,60,594	82.2		
Central Target		30,00,000	25,60,594	85.3		

No Administration for want of supplies.

**INFRASTRUCTURAL FACILITIES UNDER NATIONAL T.B. CONTROL
PROGRAMME AS ON 31.3.1990**

S1. No.	Division/District	Hospitals	State T.B.Centres	District T.B.Centres
BANGALORE DIVISION				
1.	Bangalore (U)	2	1	2
2.	Bangalore (R)	-	-	1
3.	Chitradurga	1	-	2
4.	Kolar	1	-	1
5.	Shimoga	-	-	1
6.	Tumkur	-	-	1
BELGAUM DIVISION				
7.	Belgaum	-	-	1
8.	Bijapur	1	-	1
9.	Dharwad	1	-	1
10.	U. Kannada	-	-	2
GULBARGA DIVISION				
11.	Bellary	1	-	1
12.	Bidar	-	-	1
13.	Gulbarga	-	-	1
14.	Raichur	-	-	1
MYSORE DIVISION				
15.	Chikmagalur	-	-	1
16.	D. Kannada	1	-	1
17.	Hassan	-	-	1
18.	Kodagu	-	-	1
19.	Mandya	1	-	1
20.	Mysore	1	-	1
TOTAL		10	1	23

NO. OF T.B. CASES DETECTED DURING THE YEAR 1989-90

Sl. No.	Division/District	No. of T.B. Cases Detected		
		Target	Achievement	% of Ach.
BANGALORE DIVISION				
1.	Bangalore (U)	8,595	13,290	154.6
2.	Bangalore (R)	2,880	871	30.2
3.	Chitradurga	4,250	4,015	94.5
4.	Kolar	4,250	4,424	104.1
5.	Shimoga	3,825	3,076	80.4
6.	Tumkur	4,505	3,699	82.1
BELGAUM DIVISION				
7.	Belgaum	6,800	8,206	120.7
8.	Bijapur	5,355	3,335	62.3
9.	Dharwad	6,800	3,163	46.5
10.	U. Kannada	2,550	1,364	53.5
GULBARGA DIVISION				
11.	Bellary	3,400	4,373	128.6
12.	Bidar	2,125	1,139	53.6
13.	Gulbarga	4,675	5,352	114.5
14.	Raichur	4,250	3,714	87.4
MYSORE DIVISION				
15.	Chikmagalur	2,040	1,873	91.8
16.	D. Kannada	5,525	3,623	65.6
17.	Hassan	2,975	1,629	54.8
18.	Kodagu	850	540	63.5
19.	Mandya	3,400	3,598	105.8
20.	Mysore	5,950	7,119	119.6
TOTAL		85,000	78,403	92.2

ANNUAL ANALYSIS OF NEW CHEST SYMPTOMATICS DURING THE YEAR 1989-90

S1. No.	Division/ District	Annual Target	Achievement	% of Ach.	Found positives
BANGALORE DIVISION					
1.	Bangalore (U)	3,000	20,195	673.2	3,166
2.	Bangalore (R)	7,200	2,416	33.6	123
3.	Chitradurga	6,900	7,594	110.1	832
4.	Kolar	9,000	12,396	137.7	1,213
5.	Shimoga	6,900	5,992	86.8	255
6.	Tumkur	8,400	6,877	81.9	262
BELGAUM DIVISION					
7.	Belgaum	13,200	13,984	105.9	860
8.	Bijapur	11,400	8,978	78.8	398
9.	Dharwad	12,300	4,699	38.2	438
10.	U. Kannada	7,800	3,856	49.4	81
GULBARGA DIVISION					
11.	Bellary	9,600	4,946	51.5	547
12.	Bidar	5,700	3,384	59.4	140
13.	Gulbarga	15,000	12,713	84.8	706
14.	Raichur	8,400	10,447	124.4	1,010
MYSORE DIVISION					
15.	Chikmagalur	8,400	3,370	40.1	124
16.	D. Kannada	21,000	12,933	61.6	1,118
17.	Hassan	10,800	4,397	40.7	141
18.	Kodagu	2,400	2,184	91.0	34
19.	Mandya	6,600	4,915	74.5	496
20.	Mysore	12,000	14,855	123.8	1,499
TOTAL		1,86,000	1,61,131	86.6	13,443

**DISTRICT-WISE PREVALANCE OF T.B. CASES IN KARNATAKA STATE
AS ON 31.3.1990**

S1. No.	Divisions/ District	Prevalance of Sputum +ve	Prevalance of Sputum -ve	Total Prevalance of T.B. cases
BANGALORE DIVISION				
1.	Bangalore (U)	16,412	65,648	82,060
2.	Bangalore (R)	6,843	27,373	34,216
3.	Chitradurga	8,354	33,419	41,773
4.	Kolar	8,956	35,822	44,778
5.	Shimoga	7,787	31,149	38,936
6.	Tumkur	9,296	37,184	46,480
BELGAUM DIVISION				
7.	Belgaum	14,008	56,033	70,041
8.	Bijapur	11,289	45,158	56,447
9.	Dharwad	13,845	55,381	69,226
10.	U. Kannada	5,039	20,155	25,194
GULBARGA DIVISION				
11.	Bellary	6,999	27,995	34,994
12.	Bidar	4,680	18,721	23,401
13.	Gulbarga	9,778	39,118	48,896
14.	Raichur	8,384	33,538	41,922
MYSORE DIVISION				
15.	Chikmagalur	4,285	17,139	21,424
16.	D. Kannada	11,172	44,686	55,858
17.	Hassan	6,218	25,512	31,730
18.	Kodagu	2,172	8,688	10,860
19.	Mandya	6,665	26,661	33,326
20.	Mysore	12,201	48,805	61,006
TOTAL		1,74,383	6,98,185	8,72,568

**INFRASTRUCTURAL FACILITIES UNDER NATIONAL LEPROSY ERADICATION PROGRAMME
AS ON 31/3/1990**

Sl. No.	Division/ District	D E O	L C C	S E T	U L C	T H W	R S U	L T C	S S A U	M L C C	L R P U	V O L	M L C U
BANGALORE DIVISION													
1.	Bangalore (U)	1	-	21	7	-	1	1	1	-	-	6	1
2.	Bangalore (R)	1	1	43	1	-	-	-	-	-	-	-	-
3.	Chitradurga	1	1	50	2	3	1	-	-	-	-	-	1
4.	Kolar	1	1	48	3	1	-	-	-	-	-	2	1
5.	Shimoga	1	-	21	1	-	-	-	-	-	-	-	-
6.	Tumkur	1	1	31	1	1	-	-	-	-	-	-	1
BELGAUM DIVISION													
7.	Belgaum	1	4	53	4	2	-	-	-	-	1	1	-
8.	Bijapur	1	3	49	3	1	1	-	-	-	-	1	1
9.	Dharwad	1	3	50	4	1	-	1	1	-	-	2	1
10.	U. Kannada	1	-	16	1	-	-	-	-	-	-	-	-
GULBARGA DIVISION													
11.	Bellary	1	2	25	4	3	1	-	-	-	-	-	2
12.	Bidar	1	2	20	2	1	-	-	-	-	-	1	1
13.	Gulbarga	1	4	50	3	2	-	1	1	1	1	1	1
14.	Raichur	1	3	29	2	2	-	-	-	-	-	-	1
MYSORE DIVISION													
15.	Chikmagalur	1	-	10	-	-	-	-	-	-	-	-	-
16.	D. Kannada	1	2	54	2	1	1	-	-	-	1	3	1
17.	Hassan	1	-	15	-	-	-	-	-	-	-	-	-
18.	Kodagu	1	-	4	-	-	-	-	-	-	-	-	-
19.	Mandya	1	1	38	1	1	-	-	-	-	-	-	-
20.	Mysore	1	2	48	5	3	1	1	1	-	-	5	-
TOTAL		20	30	675	46	22	6	4	4	1	3	22	12

NOTE :

DLO	= District Leprosy Office
LCC	= Leprosy Control Centre
SET	= Survey Education and Treatment Centre
ULC	= Urban Leprosy Centre
THW	= Temporary Hospitalisation Ward
RSU	= Reconstructive Surgery Unit
LTC	= Leprosy Training Centre
SSAU	= Sample Survey-cum-Assessment Unit.
MLCC	= Model Leprosy Control Centre
LRPU	= Leprosy Rehabilitation and Promotion Unit
VOL	= Voluntary Organisation.
MLCU	= Modified Leprosy Control Unit

**DISTRICT-WISE TARGET AND ACHIEVEMENT FOR LEPROSY CASES DETECTED,
TREATED AND DISCHARGED AS CURED DURING THE YEAR 1989-90**

Sl. No.	Division/ District	Leprosy cases detected and Treated			Leprosy cases Discharged as Disease arrested/cured.		
		Target	Achieve - ment	% of Ach.	Target	Achieve- ment	% of Ach.
BANGALORE DIVISION							
1.	Bangalore (U)	236	1,260	533.90	210	1,016	483.81
2.	Bangalore (R)	172	431	250.58	153	301	196.73
3.	Chitradurga	116	410	353.45	103	846	821.36
4.	Kolar	378	870	230.16	336	736	219.05
5.	Shimoga	68	194	285.29	60	62	103.33
6.	Tumkur	156	378	242.31	139	693	498.56
BELGAUM DIVISION							
7.	Belgaum	563	2,346	416.70	1,335	2,483	185.99
8.	Bijapur	2,582	2,424	93.88	6,120	2,382	38.92
9.	Dharwad	909	2,513	276.46	2,155	3,290	152.67
10.	U. Kannada	70	174	248.57	62	194	312.90
GULBARGA DIVISION							
11.	Bellary	2,069	3,568	172.45	4,904	1,827	37.26
12.	Bidar	1,104	1,680	152.17	2,616	3,265	124.81
13.	Gulbarga	3,513	3,037	86.45	8,327	7,725	92.77
14.	Raichur	3,168	3,714	117.23	7,511	8,309	110.62
MYSORE DIVISION							
15.	Chikmagalur	17	45	264.71	15	18	120.00
16.	D. Kannada	290	821	283.10	258	1,387	537.60
17.	Hassan	15	76	506.67	14	97	692.86
18.	Kodagu	5	25	500.00	4	41	1,025.00
19.	Mandya	277	927	334.66	246	1,173	476.83
20.	Mysore	2,292	3,210	140.05	5,432	4,473	82.35
TOTAL		18,000	28,103	156.13	40,000	40,318	100.80

**DISTRICT-WISE PREVALANCE RATE OF LEPROSY CASES IN
KARNATAKA STATE AS ON 31.3.1990**

Sl. No.	Division/ District	Population (1981 Census)	Total cases on Hand	Prevalance Rate/1000 Popn.
BANGALORE DIVISION				
1.	Bangalore (U)	34,92,771	3,169	0.90
2.	Bangalore (R)	14,54,839	3,560	2.44
3.	Chitradurga	17,77,499	1,450	0.81
4.	Kolar	19,05,492	5,786	3.03
5.	Shimoga	16,56,731	1,338	0.80
6.	Tumkur	19,77,854	2,395	1.21
BELGAUM DIVISION				
7.	Belgaum	29,80,440	2,621	0.87
8.	Bijapur	24,01,782	10,942	4.55
9.	Dharwad	29,45,487	3,490	1.18
10.	U. Kannada	10,72,034	1,183	1.10
GULBARGA DIVISION				
11.	Bellary	14,89,225	11,015	7.39
12.	Bidar	9,95,691	3,434	3.44
13.	Gulbarga	20,80,643	10,495	5.04
14.	Raichur	17,83,822	10,872	6.09
MYSORE DIVISION				
15.	Chikmagalur	9,11,769	275	0.30
16.	D. Kannada	23,76,724	4,345	1.82
17.	Hassan	13,57,014	234	0.17
18.	Kodagu	4,61,888	67	0.14
19.	Mandya	14,18,109	4,548	3.20
20.	Mysore	25,95,900	7,632	2.94
TOTAL		3,71,35,714	88,851	2.39

**INFRASTRUCTURAL FACILITIES UNDER FAMILY WELFARE PROGRAMME
AS ON 31.3.1990**

Sl. No.	Division/ District	Primary Health Centres	Rural Family Welfare Centres	Urban Family Welfare Centres	Post Partum Centres
BANGALORE DIVISION					
1.	Bangalore (U)	22	7	36	5
2.	Bangalore (R)	45	12	2	2
3.	Chitradurga	55	13	2	5
4.	Kolar	60	15	1	5
5.	Shimoga	53	10	4	5
6.	Tumkur	67	16	1	4
BELGAUM DIVISION					
7.	Belgaum	95	21	8	7
8.	Bijapur	70	21	2	5
9.	Dharwad	75	24	10	6
10.	U. Kannada	47	11	3	3
GULBARGA DIVISION					
11.	Bellary	41	12	5	3
12.	Bidar	31	9	1	4
13.	Gulbarga	60	17	6	7
14.	Raichur	57	15	2	6
MYSORE DIVISION					
15.	Chikmagalur	35	8	1	4
16.	D. Kannada	104	17	7	5
17.	Hassan	49	11	1	6
18.	Kodagu	24	3	-	3
19.	Mandya	48	9	1	5
20.	Mysore	104	18	9	6
TOTAL		1,142	269	102	96

**FAMILY WELFARE PROGRAMME - PROGRESS UNDER STERILISATION
DURING THE YEAR 1989-90 BY DISTRICT.**

S1. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	32,910	30,744	93.4
2.	Bangalore (R)	13,720	11,271	82.2
3.	Chitradurga	16,750	12,935	77.2
4.	Kolar	17,950	12,225	68.1
5.	Shimoga	15,620	14,877	95.2
6.	Tumkur	18,640	15,186	91.5
BELGAUM DIVISION				
7.	Belgaum	28,080	22,437	79.9
8.	Bijapur	22,640	19,059	84.2
9.	Dharwad	27,760	22,542	81.2
10.	U. Kannada	10,100	5,870	58.1
GULBARGA DIVISION				
11.	Bellary	14,030	11,341	80.8
12.	Bidar	9,390	8,321	88.6
13.	Gulbarga	19,620	10,911	55.6
14.	Raichur	16,810	9,376	55.8
MYSORE DIVISION				
15.	Chikmagalur	8,600	8,949	104.1
16.	D. Kannada	22,400	15,219	67.9
17.	Hassan	12,790	13,525	105.7
18.	Kodagu	4,350	3,899	89.6
19.	Mandya	13,370	14,061	105.2
20.	Mysore	24,470	26,522	108.4
STATE TOTAL		3,50,000	2,89,270	82.6

**FAMILY WELFARE PROGRAMME - PROGRESS UNDER I.U.D. DURING
THE YEAR 1989-90 BY DISTRICT**

S1. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	20,970	27,520	131.2
2.	Bangalore (R)	8,740	7,485	85.6
3.	Chitradurga	10,670	8,925	83.6
4.	Kolar	11,440	10,703	93.6
5.	Shimoga	9,950	10,234	102.9
6.	Tumkur	11,880	11,948	100.6
BELGAUM DIVISION				
7.	Belgaum	17,900	9,974	55.7
8.	Bijapur	14,420	13,539	93.9
9.	Dharwad	17,680	10,911	61.7
10.	U. Kannada	6,440	5,436	84.4
GULBARGA DIVISION				
11.	Bellary	8,940	6,017	67.3
12.	Bidar	5,980	6,361	106.4
13.	Gulbarga	12,500	7,766	62.1
14.	Raichur	10,710	9,695	90.5
MYSORE DIVISION				
15.	Chikmagalur	5,480	5,907	107.8
16.	D. Kannada	14,270	9,911	69.5
17.	Hassan	8,150	8,536	104.7
18.	Kodagu	2,770	2,772	100.1
19.	Mandya	8,520	7,964	93.5
20.	Mysore	15,590	20,492	131.4
STATE TOTAL		2,23,000	2,02,096	90.6

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**FAMILY WELFARE PROGRAMME - PROGRESS UNDER C.C. USERS
DURING THE YEAR 1989-90 BY DISTRICT.**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	23,130	15,805	68.3
2.	Bangalore (R)	9,650	7,425	76.9
3.	Chitradurga	11,770	8,598	73.1
4.	Kolar	12,620	15,072	119.4
5.	Shimoga	10,980	10,016	91.2
6.	Tumkur	13,100	13,322	101.7
BELGAUM DIVISION				
7.	Belgaum	19,740	12,182	61.7
8.	Bijapur	15,910	14,532	91.3
9.	Dharwad	19,510	13,348	68.4
10.	U. Kannada	7,100	8,576	120.8
GULBARGA DIVISION				
11.	Bellary	9,860	7,277	73.8
12.	Bidar	6,600	5,197	78.7
13.	Gulbarga	13,780	11,552	83.8
14.	Raichur	11,820	10,002	84.6
MYSORE DIVISION				
15.	Chikmagalur	6,040	6,593	109.2
16.	D. Kannada	15,750	11,900	75.6
17.	Hassan	8,990	12,215	135.9
18.	Kodagu	3,060	3,995	130.6
19.	Mandya	9,390	11,241	119.7
20.	Mysore	17,200	24,332	141.5
STATE TOTAL		2,46,000	2,23,191	90.7

**FAMILY WELFARE PROGRAMME - PROGRESS UNDER O.P. USERS
DURING THE YEAR 1989-90 BY DISTRICT**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	6,110	5,718	93.6
2.	Bangalore (R)	2,550	2,698	105.8
3.	Chitradurga	3,110	3,215	103.4
4.	Kolar	3,340	2,738	141.9
5.	Shimoga	2,900	3,590	123.8
6.	Tumkur	3,460	4,374	126.4
BELGAUM DIVISION				
7.	Belgaum	5,220	4,464	85.5
8.	Bijapur	4,200	5,243	124.8
9.	Dharwad	5,150	3,499	67.9
10.	U. Kannada	1,880	2,500	133.0
GULBARGA DIVISION				
11.	Bellary	2,610	2,779	106.5
12.	Bidar	1,740	2,091	120.2
13.	Gulbarga	3,640	3,758	103.3
14.	Raichur	3,120	4,106	131.6
MYSORE DIVISION				
15.	Chikmagalur	1,600	1,758	109.9
16.	D. Kannada	4,160	4,118	99.0
17.	Hassan	2,380	3,842	161.4
18.	Kodagu	810	1,002	123.7
19.	Mandya	2,480	3,375	136.1
20.	Mysore	4,540	8,221	181.1
STATE TOTAL		65,000	75,090	115.5

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER D.P.T.
IMMUNISATION DURING 1989-90 BY DISTRICT**

Sr. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	90,800	90,536	99.7
2.	Bangalore (R)	43,200	27,974	64.8
3.	Chitradurga	54,500	39,987	73.4
4.	Kolar	58,000	48,211	83.1
5.	Shimoga	50,800	39,738	78.2
6.	Tumkur	59,800	51,808	86.6
BELGAUM DIVISION				
7.	Belgaum	89,600	66,494	74.2
8.	Bijapur	71,500	58,947	82.4
9.	Dharwad	89,700	66,449	74.1
10.	U. Kannada	32,700	23,319	71.3
GULBARGA DIVISION				
11.	Bellary	46,700	34,734	74.4
12.	Bidar	29,600	26,181	88.4
13.	Gulbarga	61,800	48,595	78.6
14.	Raichur	54,400	48,838	89.8
MYSORE DIVISION				
15.	Chikmagalur	27,500	23,155	84.2
16.	D. Kannada	71,300	59,841	83.9
17.	Hassan	41,000	41,692	101.7
18.	Kodagu	12,000	11,102	92.5
19.	Mandya	42,600	36,209	85.0
20.	Mysore	73,600	69,093	93.9
STATE TOTAL		11,01,100	9,12,903	82.9

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER POLIO
IMMUNISATION DURING 1989-90 BY DISTRICT**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	90,800	87,891	96.8
2.	Bangalore (R)	43,200	27,951	64.7
3.	Chitradurga	54,500	40,156	73.7
4.	Kolar	58,000	48,109	82.9
5.	Shimoga	50,800	39,664	78.1
6.	Tumkur	59,800	51,862	86.7
BELGAUM DIVISION				
7.	Belgaum	89,600	66,609	74.3
8.	Bijapur	71,500	59,934	83.8
9.	Dharwad	89,700	66,831	74.5
10.	U. Kannada	32,700	23,349	71.4
GULBARGA DIVISION				
11.	Bellary	46,700	35,331	75.7
12.	Bidar	29,600	26,181	88.4
13.	Gulbarga	61,800	46,970	76.0
14.	Raichur	54,400	48,766	89.6
MYSORE DIVISION				
15.	Chikmagalur	27,500	23,155	84.2
16.	D. Kannada	71,300	60,031	84.2
17.	Hassan	41,000	41,716	101.7
18.	Kodagu	12,000	11,088	92.4
19.	Mandya	42,600	36,209	85.0
20.	Mysore	73,600	66,902	90.9
STATE TOTAL		11,01,100	9,08,705	82.5

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER B.C.G.
IMMUNISATION DURING THE YEAR 1989-90 - BY DISTRICT**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	90,800	1,10,247	121.4
2.	Bangalore (R)	43,200	36,542	84.6
3.	Chitradurga	54,500	48,996	89.9
4.	Kolar	58,000	56,774	97.9
5.	Shimoga	50,800	48,398	95.3
6.	Tumkur	59,800	55,620	93.0
BELGAUM DIVISION				
7.	Belgaum	89,600	85,617	95.6
8.	Bijapur	71,500	73,674	103.0
9.	Dharwad	89,700	84,147	93.8
10.	U. Kannada	32,700	26,427	80.8
GULBARGA DIVISION				
11.	Bellary	46,700	32,268	69.1
12.	Bidar	29,600	25,002	84.5
13.	Gulbarga	61,800	49,976	80.9
14.	Raichur	54,400	56,662	104.2
MYSORE DIVISION				
15.	Chikmagalur	27,500	25,624	93.2
16.	D. Kannada	71,300	72,461	101.6
17.	Hassan	41,000	43,744	106.7
18.	Kodagu	12,000	12,729	106.1
19.	Mandya	42,600	42,091	98.8
20.	Mysore	73,600	80,961	110.0
STATE TOTAL		11,01,100	10,67,960	97.0

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER MEASLES
IMMUNISATION DURING 1987-90 BY DISTRICT**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	90,800	60,620	66.8
2.	Bangalore (R)	43,200	22,711	52.6
3.	Chitradurga	54,500	31,635	58.0
4.	Kolar	58,000	39,043	67.3
5.	Shimoga	50,800	34,190	67.3
6.	Tumkur	59,800	44,686	74.7
BELGAUM DIVISION				
7.	Belgaum	89,600	58,785	65.6
8.	Bijapur	71,500	52,465	73.4
9.	Dharwad	89,700	55,342	61.7
10.	U. Kannada	32,700	17,256	52.8
GULBARGA DIVISION				
11.	Bellary	46,700	28,054	60.1
12.	Bidar	29,600	16,048	54.2
13.	Gulbarga	61,800	40,058	64.8
14.	Raichur	54,400	44,352	81.5
MYSORE DIVISION				
15.	Chikmagalur	27,500	17,895	65.1
16.	D. Kannada	71,300	43,776	61.4
17.	Hassan	41,000	36,002	87.8
18.	Kodagu	12,000	9,530	79.4
19.	Mandya	42,600	31,159	73.1
20.	Mysore	73,600	49,617	67.4
STATE TOTAL		11,01,100	7,33,224	66.6

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER T.T.
(EXPECTANT MOTHERS) IMMUNISATION DURING 1989-90 BY DISTRICT**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	99,500	1,02,342	102.9
2.	Bangalore (R)	47,400	33,775	71.3
3.	Chitradurga	59,800	51,242	85.7
4.	Kolar	63,600	51,983	81.7
5.	Shimoga	55,700	42,766	76.8
6.	Tumkur	65,600	53,612	81.7
BELGAUM DIVISION				
7.	Belgaum	98,300	90,125	91.7
8.	Bijapur	78,400	68,474	87.3
9.	Dharwad	98,400	87,319	88.7
10.	U. Kannada	35,900	24,120	67.2
GULBARGA DIVISION				
11.	Bellary	51,300	40,979	79.9
12.	Bidar	32,500	22,908	70.5
13.	Gulbarga	67,800	52,187	77.0
14.	Raichur	59,700	58,060	97.3
MYSORE DIVISION				
15.	Chikmagalur	30,200	24,719	81.9
16.	D. Kannada	78,200	64,660	82.7
17.	Hassan	44,900	48,748	108.6
18.	Kodagü	13,200	13,736	104.1
19.	Mandya	46,700	40,369	86.4
20.	Mysore	80,700	69,995	86.7
STATE TOTAL		12,07,800	10,42,119	86.3

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER D & T
IMMUNISATION DURING 1989-90 BY DISTRICT**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	75,960	80,609	106.1
2.	Bangalore (R)	36,100	19,543	54.1
3.	Chitradurga	45,560	26,997	59.3
4.	Kolar	48,500	27,776	57.3
5.	Shimoga	42,500	37,421	88.0
6.	Tumkur	49,980	37,611	75.3
BELGAUM DIVISION				
7.	Belgaum	74,960	66,740	89.0
8.	Bijapur	59,830	61,004	102.0
9.	Dharwad	74,960	48,787	65.1
10.	U. Kannada	27,350	10,009	36.6
GULBARGA DIVISION				
11.	Bellary	39,050	27,764	71.1
12.	Bidar	24,800	21,775	87.8
13.	Gulbarga	51,600	38,865	75.3
14.	Raichur	45,450	52,132	114.7
MYSORE DIVISION				
15.	Chikmagalur	23,000	13,819	60.1
16.	D. Kannada	59,620	30,461	51.1
17.	Hassan	34,340	35,083	102.2
18.	Kodagu	10,040	9,755	97.2
19.	Mandya	35,600	39,992	112.3
20.	Mysore	61,600	45,802	74.4
STATE TOTAL		9,20,800	7,31,945	79.5

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER T.T.
(10 YEARS) IMMUNISATION DURING 1989-90 BY DISTRICT**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	73,540	56,260	76.5
2.	Bangalore (R)	34,860	9,763	28.0
3.	Chitradurga	43,980	15,943	36.3
4.	Kolar	46,800	8,923	19.1
5.	Shimoga	41,040	30,497	74.3
6.	Tumkur	48,260	20,740	43.0
BELGAUM DIVISION				
7.	Belgaum	72,420	59,571	82.3
8.	Bijapur	57,760	50,402	87.3
9.	Dharwad	72,420	57,252	79.1
10.	U. Kannada	26,400	10,397	39.4
GULBARGA DIVISION				
11.	Bellary	37,730	10,562	28.0
12.	Bidar	23,950	18,690	78.0
13.	Gulbarga	49,940	23,770	47.6
14.	Raichur	43,900	33,447	76.2
MYSORE DIVISION				
15.	Chikmagalur	22,230	12,192	54.8
16.	D. Kannada	57,570	32,669	56.7
17.	Hassan	33,150	34,818	105.0
18.	Kodagu	9,700	7,422	76.5
19.	Mandya	34,400	29,075	84.5
20.	Mysore	59,550	34,776	58.4
STATE TOTAL		8,89,600	5,57,169	62.6

M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER T.T.
(16 YEARS) IMMUNISATION DURING 1989-90 BY DISTRICT

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	69,940	47,602	68.1
2.	Bangalore (R)	33,290	2,685	8.1
3.	Chitradurga	41,990	5,462	13.0
4.	Kolar	44,710	4,158	9.3
5.	Shimoga	39,180	19,622	50.1
6.	Tumkur	46,070	13,429	29.1
BELGAUM DIVISION				
7.	Belgaum	69,100	40,003	57.9
8.	Bijapur	55,100	36,733	66.7
9.	Dharwad	69,100	39,896	57.7
10.	U. Kannada	25,200	6,618	26.3
GULBARGA DIVISION				
11.	Bellary	36,000	3,286	9.1
12.	Bidar	22,820	10,018	43.9
13.	Gulbarga	47,600	13,211	27.8
14.	Raichur	41,900	18,885	45.1
MYSORE DIVISION				
15.	Chikmagalur	21,200	6,462	30.5
16.	D. Kannada	54,950	13,736	25.0
17.	Hassan	31,650	28,886	91.3
18.	Kodagu	9,250	4,619	49.9
19.	Mandya	32,800	13,871	42.3
20.	Mysore	56,750	22,195	39.1
STATE TOTAL		8,48,600	3,51,377	41.4

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER PROPHYLAXIS
AGAINST NUTRITION ANAEMIA FOR MOTHERS DURING 1989-90 BY
DISTRICT**

Sl. No.	Divisional/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	98,880	93,540	94.6
2.	Bangalore (R)	47,060	58,773	124.9
3.	Chitradurga	59,380	74,019	124.7
4.	Kolar	63,200	67,876	107.4
5.	Shimoga	55,390	84,826	153.1
6.	Tumkur	65,190	80,446	123.4
BELGAUM DIVISION				
7.	Belgaum	97,660	1,05,416	107.9
8.	Bijapur	77,930	1,02,652	131.7
9.	Dharwad	97,760	1,05,883	108.3
10.	U. Kannada	35,670	53,306	149.4
GULBARGA DIVISION				
11.	Bellary	50,920	44,006	86.4
12.	Bijapur	32,310	25,985	80.4
13.	Gulbarga	67,360	57,932	86.0
14.	Raichur	59,270	38,831	65.5
MYSORE DIVISION				
15.	Chikmagalur	29,970	42,635	142.3
16.	D. Kannada	77,720	95,499	122.9
17.	Hassan	44,650	63,955	143.2
18.	Kodagu	13,080	24,428	186.8
19.	Mandya	46,410	62,631	135.0
20.	Mysore	80,190	1,16,355	145.1
STATE TOTAL		12,00,000	13,98,994	116.6

**M.C.H. PROGRAMME IN KARNATAKA - PROGRESS UNDER PROPHYLAXIS
AGAINST NUTRITIONAL ANAEMIA FOR CHILDREN DURING 1989-90
BY DISTRICT.**

Sl. No.	Division/ District	Target	Achievement	Percentage of Achievement
BANGALORE DIVISION				
1.	Bangalore (U)	2,47,190	79,224	32.0
2.	Bangalore (R)	1,17,660	39,394	33.5
3.	Chitradurga	1,48,450	56,656	38.2
4.	Kolar	1,58,010	60,882	38.5
5.	Shimoga	1,38,480	78,719	56.8
6.	Tumkur	1,62,960	89,064	54.7
BELGAUM DIVISION				
7.	Belgaum	2,44,140	84,053	34.4
8.	Bijapur	1,94,840	87,516	44.9
9.	Dharwad	2,44,410	1,03,463	42.3
10.	U. Kannada	89,180	68,500	76.8
GULBARGA DIVISION				
11.	Bellary	1,27,290	64,338	50.5
12.	Bidar	80,770	22,313	27.6
13.	Gulbarga	1,68,390	69,943	41.5
14.	Raichur	1,48,180	37,676	25.4
MYSORE DIVISION				
15.	Chikmagalur	74,940	45,924	61.3
16.	D. Kannada	1,94,290	1,02,987	53.0
17.	Hassan	1,11,630	1,26,506	113.3
18.	Kodagu	32,690	27,398	83.8
19.	Mandya	1,16,030	89,235	76.9
20.	Mysore	2,00,470	1,30,613	65.2
STATE TOTAL		30,00,000	14,64,404	48.8

COLD CHAIN EQUIPMENTS

Supply and Installation Status of Cold Chain Equipment as on 31.3.1990

Sl. No.	District	Year under UIP	Electro-lux ILR	Vest MK-140	Frost SB. 140 Freezer	SB 300	Number Installed	WIC
1.	Kolar	85-86	23	-	-	-	23	-
2.	Hassan	85-86	19	-	-	-	19	-
3.	Belgaum	86-87	30	-	-	-	30	-
4.	Bijapur	86-87	29	-	-	-	29	-
5.	Gulbarga	86-87	29	-	-	-	29	1*
6.	Dharwad	87-88	-	35	35	5	75	-
7.	Raichur	87-88	-	20	20	4	44	1*
8.	U. Kannada	87-88	-	18	18	3	39	-
9.	Tumkur	87-88	-	23	23	5	51	-
10.	Mandya	87-88	-	18	18	2	38	-
11.	D. Kannada	87-88	-	28	28	5	61	1*
12.	Chikmagalur	87-88	-	16	16	2	34	-
13.	Bidar	88-89	-	14	14	3	31	-
14.	Bellary	88-89	-	17	17	4	38	1*
15.	Chitradurga	88-89	-	20	20	4	44	-
16.	Shimoga	88-89	-	18	18	4	40	-
17.	Bangalore (U)	89-90	-	16	16	-	32	-
18.	Bangalore (R)	89-90	-	27	27	-	54	-
19.	Mysore	89-90	-	45	45	-	90	1*
20.	Kodagu	89-90	-	10	10	-	20	-
21.	State Head-quarters	Bangalore	-	-	-	-	-	1*
TOTAL			130	325	325	41	821	6*

* Six Walk-in-Coolers have been installed and working satisfactorily.

**PROGRAMME-WISE DISTRIBUTION OF VEHICLES AS ON 31.3.1990
IN KARNATAKA STATE - BY DISTRICT.**

Sl. No.	Division/ District	UNICEF	STATE	F.W.	N.M.E.P.	I.P.P.	W.H.O.	N.L.C.P.	U.K. Aid Mobile Clinics	Prevention of Blindness	Total
BANGALORE DIVISION											
1.	Bangalore (U)	15	51	60	13	57	6	6	6	3	217
2.	Bangalore (R)										
3.	Chitradurga	12	9	27	7	23	1	4	3	-	86
4.	Kolar	15	8	24	7	23	-	3	-	-	80
5.	Shimoga	13	9	23	5	16	-	1	-	-	67
6.	Tumkur	20	7	21	6	14	-	1	-	-	69
BELGAUM DIVISION											
7.	Belgaum	19	13	32	8	21	1	5	3	1	103
8.	Bijapur	25	8	28	9	21	-	3	-	-	94
9.	Dharwad	21	15	43	9	23	-	4	3	-	118
10.	U. Kannada	12	7	24	6	-	-	-	-	-	49
GULBARGA DIVISION											
11.	Bellary	9	11	30	9	-	-	2	3	-	64
12.	Bidar	9	12	25	6	10	1	2	-	-	65
13.	Gulbarga	12	20	34	10	19	-	6	3	3	107
14.	Raichur	10	14	35	7	17	-	4	-	-	87
MYSORE DIVISION											
15.	Chikmagalur	7	5	27	5	2	-	1	-	-	47
16.	D. Kannada	16	12	35	6	-	-	1	3	-	73
17.	Hassan	10	9	25	6	-	-	1	-	-	51
18.	Kodagu	7	10	15	3	-	-	-	-	-	35
19.	Mandya	14	9	25	5	1	-	2	-	-	56
20.	Mysore	23	18	33	7	-	-	2	3	1	87
TOTAL		269	247	566	134	247	9	48	27	8	1,555

IMPORTANT HEALTH INDICATORS (1986)

Estimated Age Specific Fertility Rates and Other Fertility Indicators, 1986

Age Group	KARNATAKA			INDIA		
	Rural	Urban	Combined	Rural	Urban	Combined
15-19	99.9	59.1	88.8	100.3	62.1	91.1
20-24	242.6	202.8	230.2	264.6	217.8	252.8
25-29	183.1	173.9	180.3	229.4	179.0	216.4
30-34	111.5	84.4	103.9	153.6	94.5	139.2
35-39	67.3	44.5	60.4	89.3	45.0	78.6
40-44	26.4	11.8	22.8	43.5	17.6	37.9
45-49	8.0	4.0	6.9	17.8	4.7	14.9
Crude birth Rate	29.9	26.8	29.0	34.2	27.1	32.6
General Fertility Rate	123.4	105.0	118.1	145.6	108.1	136.5
Total Fertility Rate	3.7	2.9	3.5	4.5	3.1	4.2
Gross Reproduction Rate	1.8	1.4	1.7	2.2	1.5	2.0

MORTALITY INDICATORS - 1986

Sl. No.	Indicators	KARNATAKA			INDIA		
		Rural	Urban	Combined	Rural	Urban	Combined
1.	Crude ^{Death} Birth Rate	9.4	6.8	8.7	12.2	7.6	11.1
2.	Infant Mortality Rate	82.0	47.2	73.2	104.6	62.0	96.4
3.	Neo-natal Mortality Rate	60.8	35.5	54.4	65.5	36.2	59.8
4.	Post-natal Mortality Rate	21.2	11.7	18.8	39.1	25.8	36.6
5.	Pre-natal Mortality Rate	57.3	35.1	51.7	51.8	32.7	48.1
6.	Still Birth Rate	12.2	9.6	11.5	10.5	9.0	10.2

**PERCENT DISTRIBUTION OF SAMPLE BIRTH BY TYPE OF MEDICAL ATTENTION AT
BIRTH 1986**

Sl. No.	Sector	Type of Medical attention at Birth							
		KARNATAKA				INDIA			
		I	T	U	O	I	T	U	O
1.	Rural	16.8	30.0	17.6	35.6	14.3	17.7	48.3	19.7
2.	Urban	57.1	16.8	6.6	19.5	47.8	25.0	18.6	8.6
3.	Combined	27.0	26.6	14.8	31.6	20.7	19.1	42.6	17.6

NOTE :- I - Institutions like Hospitals, Maternity/Nursing Homes, Health Centres etc.

T - Delivery conducted at home by Doctor, Trained Dai, Trained Mid-wife, Trained Nurses etc.

U - Delivery conducted at home by untrained village Dai or other untrained professional functionary.

O - Delivery conducted at home by relations and others excluding the above.

**PERCENT DISTRIBUTION OF SAMPLE DEATHS BY TYPE OF MEDICAL ATTENTION
AT DEATH 1986.**

Sl. No.	Sector	Type of Medical attention at Death							
		<u>KARNATAKA</u>				<u>INDIA</u>			
		I	M	U	N	I	M	U	N
1.	Rural	11.8	25.8	9.8	52.6	8.6	29.6	23.9	37.9
2.	Urban	28.5	25.4	4.2	41.9	27.6	44.8	7.1	20.5
3.	Combined	15.5	25.7	8.6	50.2	11.5	32.0	21.3	35.2

NOTE :- I - If the death occurred in a Hospital, Dispensary, Health Centre, Other Medical Institutions..

M - If the death occurred at Home but was admitted by a qualified practitioner.

U - If the death occurred and was admitted by unqualified practitioner.

N - No professional Doctor/Hakim/Vaidya attended.

ESTIMATED AGE SPECIFIC DEATH RATES BY RURAL/URBAN 1986

Sl. No.	Age Group Years	KARNATAKA			INDIA		
		Rural	Urban	Combined	Rural	Urban	Combined
1.	0-4	27.6	15.6	24.5	40.8	20.9	36.6
2.	5-9	2.3	1.3	2.0	3.7	1.7	3.3
3.	10-14	1.1	1.2	1.2	1.7	1.0	1.6
4.	15-19	2.2	1.2	1.9	2.5	1.7	2.3
5.	20-24	2.6	1.2	2.2	3.2	2.1	2.9
6.	25-29	2.7	1.9	2.5	3.3	2.3	3.0
7.	30-34	3.3	2.3	3.0	3.6	2.4	3.3
8.	35-39	4.2	4.0	4.1	4.6	3.3	4.2
9.	40-44	4.5	4.4	4.5	6.0	4.0	5.6
10.	45-49	7.5	5.7	7.1	7.9	7.3	7.8
11.	50-54	12.1	10.0	11.6	12.9	11.8	12.6
12.	55-59	17.6	19.6	18.1	17.8	18.0	17.8
13.	60-64	25.4	22.8	24.8	32.3	27.2	31.3
14.	65-69	42.5	44.8	43.1	45.4	38.2	44.0
15.	70 & over	78.6	92.2	81.9	91.8	88.1	91.0
16.	All Ages	9.4	6.8	8.7	12.2	7.6	11.1

ESTIMATED INFANT DEATH RATES BY RURAL/URBAN AND SEX-1986

India/State	Rural	Urban	Total	Male	Female
India	105	62	96	96	97
Karnataka	82	47	73	77	70

PERCENTAGE OF INFANT DEATHS TO TOTAL DEATHS - 1986

India/State	Rural	Urban	Total
India	29.40	22.00	28.23
Karnataka	26.16	18.58	24.53

**PERCENTAGE OF POPULATION BELOW POVERTY LINE BY RURAL/
URBAN AREAS 1983-84 (PROVISIONAL) IN SOUTHERN STATES & INDIA**

Sl. No.	India/State	Rural	Urban	Combined
1.	Andhra Pradesh	38.7	29.5	36.4
2.	Karnataka	37.5	29.2	35.0
3.	Kerala	26.1	30.1	26.8
4.	Tamil Nadu	44.1	30.9	39.6
5.	All India	40.4	28.1	37.4

INDIA POPULATION PROJECT
PHYSICAL PROGRESS OF IPP-III CONSTRUCTION ACTIVITIES UPTO END OF MARCH, 1990.

122

S1. No.	Type of Building particulars	ANM	LHV	MO	Class III	Class IV	CHC	PHC	Dorm	SHC
1	2	3	4	5	6	7	8	9	10	11
1.	Work entrusted to PWD	642	161	309	498	280	28	83	17	236
2.	Works in progress	642	161	308	498	280	27	83	17	234
3.	<u>Level of Progress</u>									
i)	Foundation	4	-	-	1	-	-	-	-	5
ii)	Basement Level	6	-	-	-	-	-	-	-	1
iii)	Cill Level	3	-	1	-	-	-	-	-	3
iv)	Lintel Level	7	-	-	-	-	-	3	-	6
v)	Roof Level	3	1	1	1	1	-	4	-	5
vi)	Roof Laid	5	-	2	2	-	8	11	2	32
vii)	Completion	614	160	304	494	279	19	65	15	182
viii)	Building handed over	592	159	298	484	275	7	51	12	121
ix)	Works entrusted to Karnataka Land Army Corporation.	58	-	45	32	-	3	-	-	19
x)	Works entrusted to Karnataka Construction Corporation Limited.	-	-	-	-	-	-	-	-	-

Contd.

INDIA POPULATION PROJECT

PHYSICAL PROGRESS OF IPP-III CONSTRUCTION ACTIVITIES UPTO END OF MARCH, 1990.

S1. No.	Type of Building particulars	Equip-ment work shop	Veh. work shop	Cold room	ANM Hos- tel	RHFW- TC	RH TC Qtrs.	Modi- fied M.O. Qtrs.	P.C, PCO Total
1	2	12	13	14	15	16	17	18	19 20 21
1.	Work entrusted to PWD	2	2	2	6	1	2	18	- - 2,287
2.	Works in progress	2	2	2	6	1	2	17	- - 2,282
3.	<u>Level of Progress</u>								
i)	Foundation	-	-	-	-	-	-	1	- - 11
ii)	Basement Level	-	-	-	-	-	-	2	- - 9
iii)	Cill Level	-	-	-	-	-	-	1	- - 8
iv)	Lintel Level	-	-	-	-	-	-	-	- - 16
v)	Roof Level	-	-	-	-	-	-	2	- - 18
vi)	Roof Laid	-	-	-	1	1	-	4	- - 68
vii)	Completion	2	2	2	5	-	2	7	- - 2,152
viii)	Building handed over	1	2	1	5	-	2	-	- - 2,010
ix)	Works entrusted to Karnataka Land Army Corporation	-	-	-	-	-	-	-	- - 157
x)	Works entrusted to Karnataka Construction Corporation Limited	-	-	-	-	-	-	-	1 1 2

INDIAN SYSTEMS OF MEDICINE AND HOMOEOPATHY

No. of Institutions in the State as on 31.3.1990

Sl. No.	System	No. of Hospitals	No. of beds in Hospitals	No. of Dispensaries
1.	Ayurveda	12	573	360
2.	Unani	4	111	32
3.	Homoeopathy	2	35	10
4.	Siddha	1	10	-
5.	Yoga	3	15	-
6.	Naturopathy	1	6	5
TOTAL		23	750	407

No. of Ayurvedic Colleges :

Government	3
Private	6

No. of Homoeopathic Colleges :

Government	1
Private	8

No. of Unani Colleges :

Government	1
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No. of Nature Cure Colleges :

Government	1
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Training Programme for Nurses :	1
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Training Programme of Pharmacist :

Ayurveda	1
Unani	1

Government Central Pharmacy	1
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LICENCES GRANTED TO MANUFACTURE AYURVEDIC, UNANI AND HOMOEOPATHIC DRUGS UNDER DRUG LICENCING UNIT DURING 1987-88, 1988-89 AND 1989-90.

Systems	1987-88	1988-89	1989-90
Ayurvedic	215	219	248
Loan Licence	33	36	54
Unani	12	10	10
Homoeopathy :-			
Manufacturing	14	13	13
Sales :			
Whole Sale	65	66	60
Retail	110	100	109

DEPARTMENT OF DRUGS CONTROL

Enforcement of the Drugs and Cosmetics Act, 1940 & Rules

The prosecutions instituted under this Act and Rules during the year 1989-90

1. Prosecutions pending at the beginning of the year (i.e. as on 1.4.1989)	88
2. Prosecutions launched (as on 31.3.1990)	20
3. Total (as on 31.3.1990)	108
4. Prosecutions decided (as on 31.3.1990)	12
a) Cases ended in acquittal/discharge (as on 31.3.1990)	8
b) Cases ended in conviction (as on 31.3.1990)	4
5. Prosecutions pending at the end of March, 1990	96

II. DRUGS MANUFACTURERS AND NO. OF LICENCES GRANTED DURING THE YEAR 1989-90.

Type	Total No. of Manufacturers			Total No. of Manufacturing Licences		
	Own	Loan	Total	Own	Loan	Total
Allopathic	213	103	316	278	141	419
Cosmetics	55	3	58	55	3	58

III. ENFORCEMENT OF THE DRUGS (PRICE CONTROL) ORDER 1979/1987

Prosecutions instituted under the Drugs (Price Control) Order during the year 1989-90

1. Prosecutions pending at the beginning of the year (as on 1.4.1989)	41
2. Prosecutions launched (as on 31.3.1990)	1
3. Total (as on 31.3.1990)	42
4. Prosecutions decided (as on 31.3.1990)	2
a. Cases ended in acquittal/discharge (as on 31.3.1990)	2
b. Cases ended on conviction (as on 31.3.1990)	-
5. Prosecutions pending at the end of March, 1990	40

IV. NO. OF SAMPLES RECEIVED AND TESTED IN THE LABORATORY
DURING THE YEAR 1989-90

1. Drugs Inspectors (legal)	2,760
2. Informal samples from the Hospitals, Medical Stores and also from the Drugs Inspectors.	169
3. Manufacturers samples as required under the Drugs Rules.	52
4. Total	2,981
5. Brought forward from the previous year	435
6. Grand Total	3,416

V. NO. OF SAMPLES TESTED DURING THE YEAR 1989-90

1. Samples found to be of Standard quality	2,284
2. Samples found to be not of Standard quality	182
3. Samples partly analysed for specific tests (found standard)	89
4. Total No. of Samples tested	2,555

SANJAY GANDHI INSTITUTE OF ACCIDENT, REHABILITATION AND PHYSICAL MEDICINE.

No. of Patients treated during the year 1989-90

	Male	Female	Children	Total
1. No. of Admissions	1,151	153	140	1,444
2. No. of Discharges	1,108	145	137	1,390
3. No. of Out-patients treated (new)	3,319	564	447	4,330
4. No. of Out-patients treated (old)	2,612	312	284	3,208
5. No. of deaths	83	14	4	101

Per Capita (Public Sector) expenditure on Health (Medical and Public Health) and Family Welfare of Southern States during the years 1983-84 to 1985-86.

State/UT	1983-84 (Rs.)		1984-85 (Rs.)		1985-86 (Rs.)	
	Health	F.W.	Health	F.W.	Health	F.W.
Andhra Pradesh	31.32	5.69	33.28	6.56	39.08	7.86
Karnataka	24.98	4.80	31.58	5.62	34.24	8.86
Kerala	49.65	4.41	47.15	7.14	45.36	9.12
Tamil Nadu	50.76	4.63	40.84	5.39	47.57	5.23
Pondicherry	104.99	5.35	127.03	5.11	153.47	6.21
All India	37.20	5.41	41.24	5.88	46.23	7.19

GOALS FOR HEALTH AND FAMILY WELFARE PROGRAMMES IN TERMS OF 'HEALTH FOR ALL' BY 2000 A.D.

Sl. No.	Indicator	Current Level	GOALS		
			1985	1990	2000
1	2	3	4	5	6
1.	Infant Mortality Rate				
	Rural	105 (1986)	122		
	Urban	62 (1986)	60		
	Combined	96 (1986)	106	87	Below 60
2.	Perinatal Mortality	53.8 (1985)			30.35
	Crude Death Rate	11.1 (1986)	12	10.4	9.0
3.	Pre School Child (1-5 years) Mortality	24 (1976-77)	20.24	15.20	10
4.	Maternal Mortality Rate.	4.5 (1976)	3.4	2.3	Below 2
5.	Life expectancy at Birth (Yrs.)				
	Male	58.1 (1986-91)	55.1	57.6	64
	Female	59.1 (1986-91)	54.3	57.1	64
6.	Babies with birth weight below 2500 gms (percentage)	30	25	18	10
7.	Crude Birth Rate	32.6 (1986)	3	27.0	21.0
8.	Effective Couple protection (percentage)	37.5 (March '87)	37.0	42.0	60.0
9.	Net Reproduction Rate (NRR)	1.48 (1981)	1.34	1.17	1.00
10.	Growth Rate (annual)	2.24 (1971-81)	1.90	1.66	1.20
11.	Family Size	4.4 (1975)	3.8		2.3

1	2	3	4	5	6
12. Pregnant Mothers receiving ante-natal care (%)	40.50	50.60	60.75	100	
13. Deliveries by Trained Birth Attendants (%)	30.35	50	80	100	
14. Immunisations status (%) coverage TT (for pregnant women).	86.6 (1987-88)	60	100	100	
TT (for School Children)					
10 Years	89.7 (1987-88)	40	100	100	
16 Years	92.7 (1987-88)	60	100	100	
DPT (children below 3 years)	96.2 (1987-88)	70	85	85	
Polio (infants)	83.7 (1987-88)	50	70	85	
BCG (Infants)	94.5 (1987-88)	70	80	85	
DT (New School entrants 5-6 years)	87.5 (1987-88)	80	85	85	
Typhoid (New School entrants 5-6 years)	62.6 (1987-88)	70	85	85	
15. Leprosy-percentage of disease arrested cases out of those detected.	20	40	60	80	
16. TB-percentage of disease arrested cases out of those detected.	50	60	75	90	
17. Blindness - Incidence of (%)	1.4	1	0.7	0.3	

Source : Health Information India - 1988.

INTERNATIONAL STATISTICS

POPULATION, NATALITY, GENERAL MORTALITY AND NATURAL INCREASE FOR THE WORLD AROUND 1986.

Country or Area	Latest Estimates (in thousands 1986)	Population			Rate per 1000 population (1980-85)		
		Percentage Distribution by age in year 1985			Live Births	Deaths	Natural increase
		0-14	15-64	65+			
World	9,16,648	33.4	60.7	5.9	27.1	10.5	16.6
Africa	5,71,743	45.1	51.8	3.0	45.9	16.6	29.3
America	6,79,787	31.5	61.2	7.3	25.3	8.5	16.8
Asia (Excluding USSR)	8,65,615	34.5	60.8	4.7	27.2	9.8	17.4
Europe (including USSR)	7,74,495	21.7	66.0	11.2	15.6	10.3	5.3
Oceania	25,008	27.8	63.8	8.5	20.7	8.3	12.4
WHO Region							
Africa	4,62,957	46.0	51.1	2.9	47.6	17.4	30.2
The Americas	6,79,787	31.5	61.2	7.3	25.3	8.5	16.8*
South East Asia	1,94,691	38.0	58.0	4.0	32.7	12.5	20.2
Europe	8,29,147	23.7	65.6	10.7	16.6	10.3	6.3
Eastern Mediterranean	3,36,264	43.1	53.8	3.1	41.8	13.8	28.0
Western Pacific	4,13,802	30.1	64.4	5.5	20.0	7.0	13.0

Source : Health Information India - 1988.

NATALITY, GENERAL MORTALITY AND NATURAL INCREASE, EXPECTATION OF LIFE AT BIRTH (BY SEX)
AND INFANT MORTALITY - 1980-85.

Sl. No.	Name of the Country	Rate (Per 1000 Population)			Infant Mortality (per 1000 Live born)	Expectation of life at Birth	
		Crude Birth	Crude Death	Natural Increase		Male	Female
World Total :-							
		27.1	10.5	16.6	180.8	57.9	60.5
1.	Afghanistan	48.9	27.3	21.6	204.8	40.0	41.0
2.	Argentina	24.6	8.7	15.9	35.3	68.2	74.6
3.	Australia	15.9	7.6	8.3	9.8	72.2	78.7
4.	Bangladesh	44.8	17.5	27.7	104.7	47.5	47.0
5.	Brazil	30.6	8.4	22.2	60.9	61.6	65.4
6.	Burma	30.5	11.0	19.5	44.0	53.4	56.7
7.	Canada	15.1	7.4	7.7	7.9	73.0	80.0
8.	Egypt	36.6	11.6	25.0	70.3	55.9	58.4
9.	France	14.5	11.2	3.3	7.9	71.8	80.1
10.	Germany (DR)	14.4	14.1	0.3	9.2	69.5	75.4
11.	Germany (FR)	10.1	12.3	2.2	8.5	71.9	78.5
12.	India	31.7	12.3	19.4	95.0	54.1	54.7
13.	Indonesia	32.1	12.6	19.5	86.7	48.7	51.3
14.	Japan	13.1	6.5	6.6	5.2	75.5	81.6
15.	Kenya	55.1	14.0	41.1	81.6	53.7	58.2
16.	Libya	45.6	10.9	34.7	46.3	56.1	59.4
17.	Malaysia	30.9	6.5	24.4	20.5	53.5	67.1
18.	Mexico	33.9	7.1	26.8	33.0	63.9	68.2
19.	Nepal	41.7	18.4	23.3	144.0	46.0	44.5
20.	Pakistan	43.0	15.3	27.7	119.8	53.4	51.7
21.	Sri Lanka	28.3	6.6	21.7	30.5	66.9	71.9
22.	Thailand	28.0	8.0	20.0	50.6	59.5	65.1
23.	U.K.	13.6	12.4	1.2	9.4	71.9	77.6
24.	U.S.S.R.	19.0	9.3	9.7	25.1	65.5	74.8
25.	U.S.A.	16.0	9.1	6.9	10.4	71.3	78.5

Source : Health Information India - 1988.

POPULATION PER BED, PHYSICIAN AND MIDWIFE/NURSE FOR SELECTED COUNTRIES

Sl. No.	Name of the Country	Population per				Midwife/ Nurse
		Year	Bed	Year	Physician	Year
1.	Afghanistan	1981	3,700	1981	13,467	1981
2.	Argentina	1969	180	1975	530	1973
3.	Australia	1980	150	1980	556	1980
4.	Bangladesh	1981	4,545	1981	8,908	1981
5.	Brazil	1976	245	1974	1,650	1974
6.	Burma	1981	1,226	1981	4,940	1981
7.	Canada	1978-79	70	1979	548	1978
8.	Egypt	1981	500	1981	815	1981
9.	France	1977	82	1977	580	1977
10.	Germany (DR)	1978	94	1980	494	+
11.	Germany (FR)	1980	87	1980	442	1980
12.	India	1986	1,398	1985	2,450	1985
13.	Indonesia	1979	1,787	1979	11,973	1979
14.	Japan	1981	86	1981	761	1981
15.	Kenya	1978	601	1978	10,136	1978
16.	Libya	1981	201	1981	660	1981
17.	Malaysia (Peninsular)	1981	370	1980	3,267	1980
18.	Mexico	1974	860	1974	1,250	1974
19.	Nepal	1980	5,477	1980	28,768	1980
20.	Pakistan	1981	1,746	1981	3,172	1981
21.	Sri Lanka	1981	340	1981	7,631	1981
22.	Thailand	1980	658	1980	6,870	1980
23.	U.K. England and Wales	1980	127	1979	711	1979
24.	U.S.S.R.	1978	82	1979	274	+
25.	U.S.A.	1980	171	1980	549	1980

+ = Not available

SOURCE :- Health Information of India 1987.

GOVERNMENT HEALTH EXPENDITURE IN DIFFERENT COUNTRIES

Sl. No.	Name of the Country	Percentage of Government Health Expenditure to total Government Expenditure		
		1983	1984	1985
	WORLD	9.62	9.83	-
A.	Industrial Countries	11.30	11.53	-
	United States	10.65	11.04	11.29
	Canada	6.27	6.35	-
	Australia	7.12	7.85	9.55
	Japan	-	-	-
	France	14.50	-	-
	Germany	18.64	18.74	-
	United Kingdom	-	-	-
B.	Memorandum items			
	i. Oil Exporting Ctys.	4.92	5.23	-
	ii. New Oil Development Ctys.	3.87	3.99	-
C.	Developing Countries	4.07	4.22	-
	i. Africa	-	-	-
	Ghana	-	8.58	9.80
	Kenya	6.96	6.73	-
	Mauritius	7.84	8.10	7.56
	Sudan	-	-	-
	ii. Asia	3.04	3.05	-
	Bangladesh	4.09	-	-
	Burma	6.87	7.35	-
	India	2.42	2.40	-
	Indonesia	2.21	2.54	-
	Malaysia	-	-	-
	Nepal	4.65	4.39	4.97
	Pakistan	1.04	1.10	-
	Philippines	5.48	5.02	5.95
	Srilanka	5.12	3.58	-
	Thailand	5.01	5.43	5.69
	iii. Europe	2.99	2.84	-
	Yugoslavia	-	-	-
	iv. Middle East	5.28	5.68	-
	Egypt	2.84	2.42	2.45
	v. Western Hemisphere	4.67	4.92	-
	Argentina	1.37	1.81	-
	Brazil	7.29	7.64	-
	Mexico	1.20	1.52	-

Source : Health Information India - 1988.

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